

# Southern Railroad Presidents Tell of Progress of Diversified Agriculture in the South.

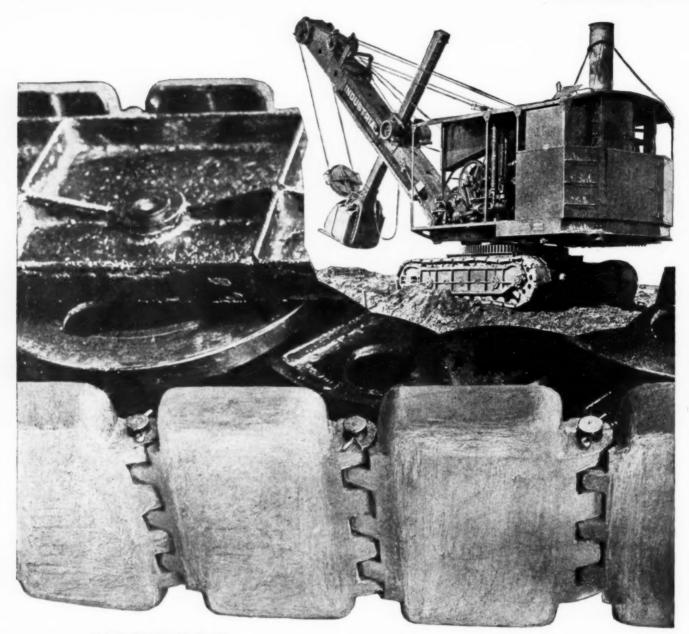
No more important symposium on any phase of Southern business activities has ever been published, we believe, than the letters from practically every railroad president in the South which appear in the 1926 edition of the Blue Book of Southern Progress issued by the Manufacturers Record. These letters, and the accompanying illustrations of scenes of diversified farming operations, cover forty-eight pages of the Blue Book. They are thrillingly interesting. Indeed, they are more than interesting, for they are illuminating as to the progress the South is making in diversification in agriculture.

For many years this paper and all other leading papers interested in the South have sought unceasingly to advance diversification in agriculture as the only sure foundation for its farm prosperity. Without this diversification Southern agriculture could never be wholly prosperous. A one-crop system, whether it be cotton or sugar or rice or tobacco, is in the end fatal to progress and prosperity. That the South is breaking away from the one-crop idea and finding success in diversification is the most cheering word about Southern agricultural conditions that has been given to the public for many years.

The presidents of leading railroads, from Maryland to Texas, tell of what is actually being done in diversification; they tell of the progress in dairying and poultry raising and of what is being done in the growing of fruits and vegetables for local, Western and Northern markets. In all of these letters there is not one single note of pessimism. Without exception every railroad president wrote enthusiastically about what his territory was doing and the great increase in this diversified traffic. In these letters will be found an augury of increasing agricultural prosperity, and that means enlarged prosperity for every class and every industry.

The 1926 edition of the Blue Book of Southern Progress, if it did not contain anything else than these letters, would be invaluable to the people of the South for their own information and for wide distribution throughout the country, but its agricultural story is only one of many articles, every one of which is invaluable to people who want to know the South and to be able to forecast something of its future. The price of the Blue Book is 50 cents a copy for any number from 1 up to 500 copies. Over 500 and up to 1000 copies the price is 40 cents a copy. For 1000 copies or more the price is 30 cents each.

We cannot too strongly urge our readers to study the Blue Book, to have it in their homes and in their offices, and to send it to friends outside of the South as an illuminating and all-absorbing description of what the South is and what it is destined to be.



### **SHOES**



HE tractor shoes on the INDUSTRIAL type DC are large and of the close-fitting type. They present a smooth bearing surface to the ground and do not injure pavements,—when it is necessary to travel on them.

It is impossible for stones and dirt to become lodged between the shoes because of their design. No obstruction can cause damage to the tractor belt because of the large, wide, close-fitting shoes—a remarkable feature. On soft ground, where other crawlers are likely to stall, these wide treads carry the type DC without difficulty, wherever the operator wants to go.

And that's another reason why industrials excel. Watch this space next issue and you will find another of the many excelling points illustrated.

Other products: Locomotive cranes, 5 to 200 tons capacity, freight cranes, pile drivers, clamshell buckets.

### INDUSTRIAL WORKS, BAY CITY, MICH.

### Table of Contents

Baltimore, Md., May 13, 1926

Southern Railroad Presidents Tell of Progress of Diversified Agriculture South	age
EDITORIALS	
Congressional Blackmailing of Some States  Virginia Sits on Top of the World.  Amendment to Senator Sheppard's Potash Bill Suggested  England's Gigantic Labor Strike.  Industry and Agriculture.  Railroad Presidents Give Many Facts About Increase in Diversified Farming South Copper Export Trading Company.  How a Stranger Was Received in Atlanta, Illustrating Power for Good of a Warm Welcome.  Stone Mountain Memorial to Be Completed.  New England's Prosperity Benefited by Southern Progress.  Only Fools Copy Failures.  1926 Blue Book of Southern Progress Now Being Distributed.  A Call for the Protection of American Industry.  Why Southern Freight Rates Retarded Southern Commerce.	51 52 53 53 53 54 57 58 59 60 60 61 61 62
NEWS ARTICLES	
The British Strike	63 64 66 67 68
Can and Will Business Come to Aid of Agriculture?By Ed Woodall Some Reasons for Progress of the South	71 72 73 75 77 85

#### **DEPARTMENTS**

The Iron and Steel Situation	80	Commendations, Kicks and Comments	87
		Construction	
		Industrial News of Interest	
Good Roads and Streets	84	Financial News	114
Mechanical	86	Trade Literature	115

### Manufacturers Record

RICHARD H. EDMONDS, Editor

PUBLISHED EVERY THURSDAY BY THE

#### MANUFACTURERS RECORD PUBLISHING CO.

Office: Manufacturers Record Building, corner Commerce and Water Streets, Baltimore, Maryland
Printing Plant, corner South and Water Streets, Baltimore, Maryland
RICHARD H. EDMONDS, President; FRANK GOULD, First Vice-President; VICTOR H. POWER, Second Vice-President;
I. S. FIELD, Secretary; J. ROBERT GOULD, Treasurer

BRANCH OFFICES:

CHICAGO, 11 South La Salle Street

Street NEW YORK, 901 Singer Building CINCINNATI, 333 Dixie Terminal Building

SUBSCRIPTION RATES:

\$6.50 a year (in advance); six months, \$3.50; three months, \$2 to United States, Mexico, Cuba, Porto Rico, Hawaii and the Philliplines. For Canada add postage \$2 a year. For other foreign countries add postage \$5.50 a year. Back numbers, if available and not over one month old, even as new address. In ordering change of address, give old as new address.

MEMBER ASSOCIATED BUSINESS PAPERS, INC., AND AUDIT BUREAU OF CIRCULATIONS

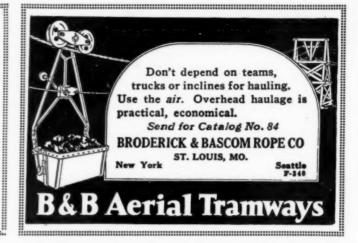
### To Reduce Feeler Waste

Use our new Intermittent Feeler on your Northrop Looms. If you want to know more about it, we will send you an expert to talk it over.

#### DRAPER CORPORATION

**Hopedale Massachusetts** 

Southern Office Atlanta Georgia



### "LEADITE" ...

For Jointing Cast-Iron Water Mains Saves at Least 75%

Leadite Tested and Used for Over 30 Years
Leadite Joints Improve with Age

The Leadite Co., Land Title Building, Philadelphia, Pa. See our full page ad second issue each month

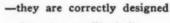
### NO CAULKING





### LESCHEN AERIAL TRAMWAYS

are economical carriers because



-they are sturdily built

-they are not affected by weather conditions

-maintenance and operating costs

Made in different systems

Your inquiries are solicited

Established 1857

A. LESCHEN & SONS ROPE COMPANY

New York Chicago ST. LOUIS Denver San Francisco





# Manufacturers Record

EXPONENT OF AMERICA

Devoted to the Upbuilding of the Nation Through the Development of the South and Southwest as the Nation's Greatest Material Asset

Trade-Name Registered in the U. S. Patent Office

Vol. LXXXIX No. 19

BALTIMORE, MAY 13, 1926.

Single Copies, 20 Cents.

### Congressional Blackmailing of Some States.

THE WALL STREET JOURNAL in a striking editorial entitled "When Congress Blackmails Florida," has the following statement worthy of the nation's consideration:

"If Florida has any soiled linen to wash over a land boom which has flattened out a little with complete safety she will wash it at home, like the lady she is. She will not ask the assistance of Congress, because she does not need assistance from anyone. As Barron's, the national financial weekly, pointed out the other day, Florida 'has no severance tax; no franchise tax; no corporation tax; no corporation stock tax; no stock-transfer tax; no income tax; no inheritance tax; no state-bonded indebtedness; does not owe a cent and has \$11,000,000 in her treasury. Whatever "bubble" is to burst in Florida, it will not burst at Tallahassee.'

"But, Congress votes to blackmail Florida, and any other state which has realized that inheritance taxes mean the destruction of capital taxable for all time, into imposing a death tax against the will of the people of the state. Congress is made up of politicians with extravagant local affiliations. They cannot afford to permit good business practice in state government.

"How, then, is the sovereign state of Florida to be clubbed into changing her Constitution? The Federal Government is to collect an entirely unneeded inheritance tax, never imposed in the history of this country except as a war measure, and to return 80 per cent of the tax to the states which also impose a similar extravagant burden. This means that their wastefulness is to be encouraged by imposing a special burden upon those citizens of the United States who dare to live in a state which exacts no death duties. The Federal blackmail thus collected is to be distributed in the encouragement of waste.

"Our local tax burden is more than twice the Federal burden and it is growing every day. Business knows of costly expenditures which, nevertheless, make the whole people richer. But there never was a tax yet that did not make people poorer. It hits the man who never heard of it. If you liquidate an active business in order to pay a Federal tax on its value as an inheritance, returning 80 per cent of the tax to the state where the owner of the business lived, what you have collected and redistributed is the wages and savings of the workers that business no longer employs

of the workers that business no longer employs.

"Florida says that this sort of thing is constitutionally wrong and means to fight it. Whatever the courts may decide on that point, its moral depravity admits of no argument."

The foregoing accurately states the case. The action of Congress in this respect was probably the most communistic or bolshevistic movement which ever succeeded in getting through the House and Senate. It is about the rankest, rottenest piece of legislation which has disgraced the United States Congress for many a long day—possibly, during its whole history. It is a piece of legislation unparalleled in that it was simply a deliberate attempt, as the Wall Street Journal puts it, to blackmail states that do not have an inheritance tax. It was done by the representatives of states who saw the opportunity of looting the United States treasury, or

else in aiding in an act of highwaymen and putting the Congressmen who voted for this bill in the role of highwaymen.

It is an effort to coerce certain states that do not have an inheritance tax by the most high-handed act of which Congress was ever guilty, because it is entirely different from any other effort ever made by Congress to absolutely dominate the legislation of individual states. The states which are rejoicing in the fact that they will get 80 per cent of the tax levied upon the estates of their own citizens after death are guilty of rejoicing in an act of perfidy which lays the foundation for practically any other act that Congress may pass to bulldoze and blackmail individual states which do not follow exactly along the line of what Congress may desire. It is destructive of states' rights, destructive of moral integrity by Congress, destructive of the small amount of faith which American people yet have in the honesty of legislative work.

In the first place, there was no necessity for passing an inheritance tax, and yet there are some arguments in favor of such a measure, in general. If it had been passed purely as a revenue measure, the wisdom of Congress might have been questioned, but the fact that it was not passed as a revenue measure was patent, because 80 per cent of what is thus collected is to go directly to the states in which collected, except those which have no inheritance tax. Possibly, it was aimed directly at Florida, and yet the development of Florida has been the outstanding fact in America's material development, has been of immeasurable value to the whole South by drawing the nation's attention to the possibilities of this section, and has likewise been of great value to the entire country because the upbuilding of Florida created an an immense demand for almost every line of manufactured products made in every part of this country.

If it was spite work against Florida, it indicated a low degree of intelligence and moral standing of those who voted for it. If it was based on a desire to completely destroy states' rights and directly and indirectly dominate state legislation, it was a blow at constitutional government which may some day come home to roost in the destruction of states' rights.

If Congress had no greater sense of moral responsibility in legislation than to pass such a bill, how can anyone in this country trust Congress in any other matter pertaining to the welfare of individual states?

With such a spirit prevailing in Congress as shown in this action, no confidence whatever could be placed, if we should have a Department of Education, in Congress not passing a bill which would completely destroy all initiative and self-reliance in state educational work and put all the educational influences of the country under the control of some Washington bureaucratic power.

This act is an omen of evil. The country should be aroused

to the real meaning of it and to the real danger of legislation intended not for producing revenue, but for the express purpose of punishing states which had gone contrary in their legislation to what some other states had done or desired to do. Every Southern Representative who voted for this bill ought to hang his head in shame for having betrayed that for which he has stood in the past and for having tried to stab in the back, in a most diabolical way, the one state in the South which by its conservative legislation has led the nation in that respect, and which by its material upbuilding has created a nation-wide interest in the South.

In itself, Florida has been the greatest advertisement the South as a whole has ever had. It has been the greatest stimulating example of what can be done by the spirit of legislative conservatism and tireless energy and broadminded vision which have been displayed by the people of Florida. The Wall Street Journal is not too strong when it says that "the moral depravity" of the act discussed "admits of no argument."

#### VIRGINIA SITS ON TOP OF THE WORLD.

TO the glories of the South in general, and Virginia in particular, Lieut.-Com. Richard Evelyn Byrd of the United States Navy has added still another achievement, establishing not only the leadership of his section and state, but also its wide versatility, in flying over the North Pole in an airplane. Again Virginia has sat "on top of the world."

Without counting its contribution of the cornerstone to the foundation on which this nation was erected, Virginia, and the South through Virginia, has furnished many builders. Washington, of course, first comes to mind, and Jefferson, and on down to the present day, in which one sees one member of the old Byrd family in the Governor's chair, guiding the destiny of his Commonwealth, and his brother accomplishing a feat unprecedented in the annals of exploration, of science, of mechanics, of bravery and of nerve. Nor is the virtue of modesty to be forgotten as an outstanding feature of this achievement.

Again Uncle Sam doffs his chapeau to Virginia—Virginia, "the Mother of Presidents," the chief stone in the corner of the original Union of States. Again the world pays admiring tribute to a son of Virginia. And future generations will be inspired to the same admiration by Virginia's sons as time rolls on its course.

#### THE TWO-EDGED RETIREMENT BILL.

In deprecating delay in enactment of the Federal Employes' Retirement bill, the Washington Post argues that "there is no good ground for holding up retirement legislation on the theory that it will bring about a deficit." The Government, it explains, "would not have to make up a deficit for several years." Ignoring any possible deficit on its account, the measure is outrageous in principle. It is class legislation of a peculiarly vicious nature.

On the one hand, it imposes on all private industry employes the task of supporting Government employes simply because they chance to be Government employes. On the other hand, it is a bad thing for the proposed beneficiaries of this charity, in that it tends to make them lax in reasonable economy and careless about provision for their future.

We shall not speak of the easy, protected jobs many of these employes hold, with short hours, long vacations with pay and generous sick leave with pay. The reasons we have sketched are sufficient in themselves to condemn such proposed legislation.

## AMENDMENT TO SENATOR SHEPPARD'S POTASH BILL SUGGESTED BY MR. MEMMINGER.

G. MEMMINGER, president of the Coronet Phosphate Company, for many years a close student of everything connected with the fertilizer industry, in a telegram to the MANUFACTURERS RECORD from Asheville, N. C., says:

"Your able editorial in the Manufacturers Record of April 29, "The Potash Potentialities and the Potash Needs of the Country," is most timely, and clearly sets forth and emphasizes the vital necessity for the Government to take immediate steps thoroughly and systematically to investigate the potash resources of this country. Careful analysis of Senator Sheppard's bill, S1821, however, demonstrates vital and basic defects—namely, while provision is made for appropriation of moneys to undertake investigation of potash deposits of this country, and if workable deposits are found to reimburse the Government for expenditures in connection with development of said deposits, and further to prevent profiteering as to prices, on the other hand, there is no provision made requiring actual development and operation of potash deposits if found.

"This defect makes the bill, without amendment embodying this clause, thoroughly unsatisfactory, and will give the potash interests, or their affiliated financial connections, an opportunity, should workable potash deposits be found, of simply reimbursing the Government for expenditures in connection with development of such deposits and allowing the same to remain dormant. In other words, the vital crux of the bill has not been included, which should be to provide for the exploitation, development and operation of the deposits if found to be in commercial quantities.

"I trust you will use your great influence to give the proper publicity to this vital defect of the bill, which could readily be remedied by necessary amendment."

The suggestion made by Mr. Memminger seems to be of such importance that the Manufacturers Record promptly repeated his telegram direct to Senator Sheppard, who in reply wired as follows:

"Thanks for telegram. Will present Mr. Memminger's suggestion to House members having charge of potash bill in House and also to Secretary Hoover."

#### DO YOU WANT TO INVEST IN BOYS AND GIRLS?

M ISS MARTHA BERRY, the founder of the Berry School, near Rome, Ga., has wrought almost miracles in the life work in which she has been engaged, in the establishment and maintenance of the widely known Berry School. This institution, devoted to training and educating the mountain people of north Georgia, is known throughout the land as having done a marvelous work for the boys and girls who, through Miss Berry's work, have been trained in that school. It is so universally known, so universally esteemed, that commendation seems superfluous.

But the school has recently met a great loss in the destruction by fire of the main dormitory for boys. Miss Berry is appealing to her friends and to all lovers of humanity to help her reconstruct this building. It is very generally known that Miss Berry, a woman of high birth and high culture, has devoted her wealth, whether it be of money, or time, or talent, to the founding and building up of a school which has molded for good the lives of hundreds of boys and girls. We do not think there is a more worthy object in the entire-South for co-operation on the part of those who want to invest, not in stocks or bonds or lands, but in boys and girls.

### England's Gigantic Labor Strike.

THERE is far more back of the labor strike in England than appears on the surface. Bolshevistic agitation of the rankest kind has been busily at work among the English laboring people and bolshevistic agitators are unquestionably responsible for much of the acute condition which now prevails throughout England. A few weeks ago one of the leading metallurgists of England in a personal letter to the editor of the Manufacturers Record sent a number of copies of publications which were being circulated in his great plant which were as rankly bolshevistic as the fulminations of the Daily Worker, the recognized organ of the bolshevistic activities in this country.

Other information which comes to the Manufacturers Record indicates that the struggle is likely to be a long and disastrous one. Back of it all is a desperate, determined effort of the radical leaders of this movement to bring on a revolution for the purpose of overturning the British Government. From authoritative sources in England we have known for months that this was the plan. Ever since the temporary settlement of the coal strike last year the English Government has been busily at work organizing its forces to meet the whole situation. The motortrucks of England will be commandeered if this becomes necessary, just as in the case of war, with a view to handling foodstuffs and other products, the movement of which is essential to the sustenance of the nation.

Hyde Park has been taken over by the Government and made a central point for the distribution of milk in order that the babies may suffer as little as possible for this essential food.

While it is not proposed to use the Army except in case of emergency, the troops have been well distributed throughout England, and unless they, too, have been contaminated by the bolshevistic teachings they will be able to maintain order and help to meet the situation. In the meantime, so long as the strike lasts, all England will be in a turmoil. Its railroads and its industrial interests will be largely hampered in operation, and it is quite possible that most trains will have to be suspended and many industries closed for the time being.

The reports that are coming to American papers by no means exaggerate the seriousness of the situation, judged by private information which the Manufacturers Record has been getting from England directly and indirectly for months. The situation is one fraught with very serious dangers. It can scarcely be settled without intensifying some of the bitter feeling which has been growing up among the working people of England who have been absorbing the teachings of the Bolshevists. It is true that England's labor is underpaid. It is true that the laboring people of that country have little or no conception of the happy conditions of prosperity under which the laboring classes of America live; they are burdened with poverty as compared with American labor, and they furnish fertile ground for the sowing of the seeds of class hatred which have been distributed so freely since the war by bolshevistic agitators.

We believe that the English Government will weather the

storm, that the strike, sooner or later, will be settled and business resumed on a normal basis, but for the time being England will be in a turmoil almost as serious in many respects as during the World War, though there may be less suffering and fewer heartaches than in that fearful period.

Every lover of England, everyone who realizes the tremendous influence of Great Britain upon world affairs and its tremendous influence in world civilization, can but devoutly hope that England will come through the stress and trial triumphantly and in such a way as to strengthen and upbuild the whole Empire.

#### INDUSTRY AND AGRICULTURE.

A GRICULTURE, itself a great industry, the most important in itself in its influence upon the country, is usually differentiated from the term "industry." Nevertheless, all industrial interests, all business interests of every kind, are vitally concerned as to the agricultural conditions of the country.

Optimists and pessimists alike are discussing the problem of agriculture. It is well known that agriculture on the whole has not, since the deflation campaign of 1920, been successful. Here and there are prosperous farmers—in the aggregate there are some millions of them in this country. On the other hand, here and there, are many farmers who are not prosperous. Thousands have been wiped out financially since 1920 by the stupendous losses, amounting to \$30,000,000,000, on agriculture, due specifically and directly to that greatest financial crime of history—the drastic deflation campaign inaugurated for the express purpose of breaking down prices after the Federal Reserve Board had for several years carried on a campaign of inflation.

Fortunately, leading business men of the cities are beginning to realize more fully than ever before that they have a direct concern, and a very vital one, with the whole agricultural situation. In the world's history, wherever agriculture has decayed nations have gone down in ruin and civilizations have been destroyed. The problem, therefore, which faces this country as to its agricultural situation is how to restore prosperity to agriculture as a whole, how to lessen the trend to the tenant system which is growing too rapidly for the good of the land, how to restore the fertility of the soil and how to avoid draining the farm life of its best brains. It is a great problem, which involves finance, education, marketing and many other factors which bear directly, ultimately, on the whole business structure of the nation.

Men of affairs who are beginning to realize this situation are giving close study to it and seeking to find a solution. One man will advocate selective immigration of farmers; another, betterment of financial arrangements for furnishing money at low rates of interest to the farmers; another sees in the crop insurance system that is being developed at different places a possible means of benefiting agriculture as a whole; another sees in co-operative marketing the only solution. Others say that there must be increased use of potash, nitrates and other soil-restoring methods.

The importance of the whole question to the manufacturing interests of the country is so vital that the Manufactureres Record will soon open its columns for some weeks to come for publication of some broad discussions of questions pertaining to agriculture, in this case with particular reference to the situation in the South.

### Railroad Presidents Give Many Remarkable Facts About Increase in Diversified Farming South.

N EVER before were the opportunities for diversified farming throughout the South, and the progress that is now under way, so clearly set forth as in a remarkable symposium on this subject in the shape of letters from nearly every leading railroad president of the entire South, filling 48 pages of the Blue Book of Southern Progress of the 1926 edition, which is now going through the press. The story, taken as a whole, is one of the most informative and inspiring ever written about Southern agriculture, and that means Southern prosperity in general, for upon agriculture depends the permanent prosperity of the country.

Here are facts of vast interest affecting the whole South. They are an inspiration to farmers who have not yet undertaken to diversify their crops, to follow the wise example of others in all parts of the South. These letters will likewise be an inspiration to thousands of people in other sections, and to investors in Southern securities who have thought of the South merely as a cotton-growing region, to see the limitless potentialities of this section in diversified agriculture. Here are facts which will appeal to many outside people who have been afraid to undertake farming in the South, thinking that this section was almost wholly devoted to cotton, with the cultivation of which they were not familiar.

In this aggregate story, written by 22 railroad officials, will be seen what is being done in dairying, in poultry raising, in the breeding of fine livestock, in the raising of nearly every line of fruits and vegetables, many of which find a home market by reason of the growth of neighboring cities, while foodstuffs in general are being shipped out of the South to the extent of about 500,000 carloads a year to feed the people of the North and West. This business will increase in proportion to the growth of the population of the country and the increasing demand in the North and West during the winter season for fresh fruits and vegetables.

President Warfield of the Seaboard Air Line refers to the progress of Florida and the other states through which his lines run, and says they have a growing livestock, dairy, poultry and creamery business, an illustration of which is found in the poultry business in that in 1922 the Seaboard handled its first car of live poultry from its own territory, while now this is one of the thriving industries of that section. In closing his letter he quotes, as expressing his views, the statement of former Senator Ben Hill of Georgia, as follows:

"Our wilderness will be filled with cottages; our villages will grow into cities, and our cities will enlarge their borders, increase their spires, and our harbors will proudly ride the ships of the whole earth, bearing away the products of mine, and fields, and shop, and factory, ready wrought into everything of ornament and value."

President Schaff of the Missouri-Kansas-Texas lines writes:

"The greatest advance has been made in milk and egg production and in improved soil conditions. Possibly, the greatest single advance is in poultry. In recent years this road has hauled several solid express trainloads of dressed turkeys to Northern and Eastern markets, and as much as 140 carloads of eggs, and over 100 cars of chickens from one single town. One county on the line claims to have built more new poultry houses on farms than any other county in the United States. Dairying is likewise growing rapidly. Two big milk condenseries and numerous creameries have been built recently. At a recent livestock show on this line

over 500 farm boys and girls with their exhibits of baby beeves, ton-litters of pigs, their judging teams, etc., were the feature of the show.

"The Southwest is getting away from the one-crop idea. There, agriculture is becoming stabilized. The farm provides employment more nearly the year round. Food for the family and feed for the stock are more nearly homegrown and farm incomes is spread throughout the year."

President Cole of the Nashville, Chattanooga & St. Louis Railway says that "while the tonnage of cotton originating on his lines last year was considerably greater than that of 1923, the tonnage of corn was more than twice that of cotton; the tonnage of oats was nearly twice as much; the tonnage of flour and meal ground on the line was 50 per cent more than all the cotton shipped. The tonnage of hogs was more than one-half that of cotton, as was the tonnage of beef cattle, while even the tonnage of chickens and eggs originating on the lines was one-fourth that of cotton.

"The first co-operative creamery to be established on a permanent basis in the South was in Franklin county, Tenn., organized in 1910. Today there are 21 successful creameries and a cheese factory on this road with an annual output of some 15,000,000 pounds of butter."

President Loyall of the Norfolk Southern, referring to the increased production of white and sweet potatoes for Eastern and Western markets, says:

"In the past few years many storage warehouses, holding each from 5000 to 10,000 crates of sweet potatoes, have been built in the territory of this road. Early vegetables are largely grown with profit to the producer, and the business of growing seeds for the seedsman has been started and gives promise of developing into a business of considerable importance.

"Horticulture, as well as the growing of bulbs, is making headway.

"The animal industry is developing rapidly; with rape, vetch, rye, oats, soy beans, the clovers as forage crops, corn to fatten and condition hogs, weather conditions that permit the grazing of hogs the year round, the raising and marketing of two broods a year, this territory gives promise of soon becoming one of the great meat-producing sections of the country."

President Markham of the Illinois Central writes:

"One of the most promising developments of recent years in Southern agriculture is the trend toward diversification. No other section of the country lends itself more favorably to diversified farming. While cotton is still a dominant factor in the economic life of the South, this section is now producing more than one-fourth of the nation's corn, one-sixth of its wheat, seven-eighths of its tobacco and rice, one-third of its fruit and vegetables, and practically all of its pecans, peanuts and sugar cane. In 1924, Mississippi shipped 6723 carloads of fruits and vegetables, compared with 1705 carloads in 1918, an increase of nearly 300 per cent in six years. Such profitable crops as tomatoes, cabbage, cucumbers, carrots, watermelons, potatoes and strawberries are being produced at various points on an extensive scale.

"In 1918 one parish in Louisiana shipped 590 carloads of strawberries to Northern markets, while in 1924 this parish 'shipped 1880 carloads of strawberries.

"Great strides are being made in dairy farming. In 1914 there were only two creameries on the Illinois Central in Mississippi. In 1924 there were 20, with an output of more than 4,000,000 pounds of butter. The production of creamery

butter in the state increased from 204,000 pounds in 1914 to 5,714,000 pounds in 1924."

President Downs of the Central of Georgia Railway Company says that the farmers in the territory of that road are now living at home, increasing the production of food crops for themselves and their livestock. He refers also to the increase in creameries and to the rapid development of the poultry industry. Within five years there have been established in the territory on the Central of Georgia Railroad more than a quarter-million acres of improved pastures, which are providing a foundation for the building of a profitable livestock industry. Last year 1,000,000 pounds of vetch seed were sown in the 80 counties of Alabama and Georgia served by that road.

This winter legume, plowed under in the spring, adds such quantities of cheaply produced vegetable matter and nitrogen to the soil as to greatly increase the yield of certain crops.

The states in the territory of the Louisville & Nashville Railroad, according to the letter of Vice-President Addison R. Smith, are first in the United States in the home production of the foods they consume. They are not only more nearly self-sustaining than any other section in the country, but they are also shipping annually around 300,000 carloads of foodstuffs to the Northeast and Central West. Diversified farming, with crop rotation and livestock raising, is making rapid progress.

There has been an important change in agricultural methods through the introduction of a higher grade of livestock; in addition to the establishment of livestock farms with purebred herds and flocks, there is a disposition to have dairy cows, hogs and poultry on all farms.

President Needles of the Norfolk & Western Railroad gives an interesting account of the remarkable agricultural progress of Virginia, with special reference to the diversification which is going on in that state. In 1924 the commercial apple crop amounted to 2,520,000 barrels, and some stations on the line of that road ship over 300 carloads of apples annually. The number of bearing trees increased from 1910 to 1920, as against a decrease of 24 per cent of bearing apple trees in the United States.

President Kenly of the Atlantic Coast Line, through Mr. Cardwell, the agricultural and industrial agent, says there is no section of the nation of like area as that along his line so truly representative of the doctrine of diversified or mixed farming. The states tributary to his road produced last year a cotton crop valued at \$480,000,000, including the cottonseed; but the total value of all crops in those states was \$1,207,000,000, which does not include livestock products valued at approximately \$400,000,000.

In Texas and Louisiana, along the line of the Texas & Pacific Railway, according to the report of President Lancaster, the rebuilding of the soil through the rotating of crops is producing a definite and well-balanced farm program which is little short of remarkable. To an unprecedented degree, farmers in that territory are awakening to the injury of the one-crop system, whether that be cotton, or sugar cane. or rice, and are turning as never before toward a sane, wellbalanced farm program which has as its aim the feeding of the farmer at home, through his main or cash crop, instead of being needed to pay for foodstuffs, may be available for improvements and the bettering of his financial status. Owing to the proximity to market and excellent transportation facilities, regions in Southern Louisiana are turning rapidly to winter truck, such as carrots, beets, turnips, spinach, mustard, cabbage, sweet corn, onions, Irish potatoes and sweet potatoes, and plantings thus far made indicate a movement of these products this year of between 4000 and 5000 carloads. In Central Louisiana, crop rotation, dairying and poultrying, as well as the raising of fine hogs, are also increasing rapidly. In East Texas the farmers are diversifying and are producing wonderful crops of watermelons, peaches, tomatoes, blackberries, peanuts, etc., with clover crops planted in the fall and turned under in the spring, producing remarkable results in increasing the productiveness of these lands. Pure-bred poultry, as well as high-grade hogs and dairy cows, are to be seen on many farms.

Vice-President Rodenbaugh of the Florida East Coast Railway reports that, while the section tributary to his line is really in its infancy in settlement and development, there is already a great diversification of crops, not only citrus fruits, but pineapples, Irish potatoes, tomatoes, bananas and grapes, beans, eggplants, peppers, squash, cabbage, celery, peas and other things. Sugar cane is also being successfully grown, and two sugar mills have been constructed for grinding. Dairying is making much progress, one dairyman having over 700 milk cows, and one poultryman along the line of this road having over 5000 egg-producing hens.

President Tigrett of the Gulf, Mobile & Northern Railroad illustrates the story of diversification along his line by showing a photograph of a great cornfield on cutover pine land which produced 75 bushels to the acre. Creameries, to a considerable extent, have been established along his road, and the agricultural department of his line is placing more stress upon the cream check than upon the creamery, on the ground that when you have developed enough milkers behind a community to support a creamery it is then time to consider that phase of the business. A number of hatcheries have been established in the last three years, ranging in capacity from 10,000 eggs up to 80,000 eggs each. In closing the story of what is being done along his line, Mr. Tigrett adds:

"Diversification in farming effort means the salvation of the South."

Along the lines of the great Southern Pacific in Texas and Louisiana there is much diversified advance. President Scott of that road, after referring to the rapid development of the rice industry, says there is a great inclination toward the production of perishable crops, such as garden vegetables, sweet and Irish potatoes, green corn, spinach and other early products which are being profitably grown in increasing quantity. "The Gulf Coast," says he, "is now coming into its own. The climatic advantages and the variety of soils and the unparalleled fertility, with adequate rainfall, will combine to furnish rare opportunites for diversification." Shipments of perishable products from Louisiana territory alone over this road have grown in six years from practically nothing to 3000 cars a year, over 1400 cars being of With an agricultural output sweet and Irish potatoes. approximating \$1,000,000,000 annually in Texas, the cotton crop has proved but little more than one-half of the total. The other half has been furnished by cattle, hogs, vegetables, fruits, honey and grains. Fig culture in the Gulf territory has been advanced from 500 acres in 1920 to 15,000 acres in 1925, and the value of the preserved fig crop is now about \$7,000,000 a year.

"The South," says President Scott, "is almost untouched in its possibilities for wealth; for, added to what agriculture in its many and varied avenues offers to the worker, the natural resources of its several states open up channels for human exploitation which lead to profit and abiding prosperity. None of the states exceeds in opportunity those offered by Louisiana and Texas, where but a tithe of the lands have ever been brought into their possible bearing."

L. W. Baldwin, president of the Missouri Pacific Railroad Company, says:

"Thrifty farmers are converting the South into a land of reality, teeming with golden results and big rewards." And he adds: "Any man with little capital who possesses a will to work will find in the South the opportunity for growing independence denied him in the country of high-priced land or in the worn-out sections in which he may have formerly struggled for a living."

"The states of the South," said Mr. Baldwin, "have an unusual combination of soils and climate that makes their farm lands very adaptable for diversified farming activities, including corn, wheat, oats, alfalfa, clover, soy beans, cowpeas, hay and forage crops of sorghums." And along the line of his road much attention is being given to dairying, stock raising and poultry production, as well as to the growing of vegetables for all-the-year-round crops, and watermelons, cantaloupes, Irish potatoes, sweet potatoes and tomatoes, all of which have proved unusually valuable crops wherever grown.

The lines of the Chicago, Rock Island and Pacific Railway Company, which serves Arkansas, Tennessee, Louisiana, Oklahoma and Texas, are making rapid progress in diversification in agriculture, according to the report of President Gorman of that road. The production of fruits and vegetables, due largely to the perfection of the refrigerator car and improved railroad service, amounted in 1925 to 35,057 cars, including the widest variety of vegetables. There are also in that section 2,869,000 dairy cows. Poultry raising, he adds, is increasing even more rapidly than fruits and vegetables, and there is at one point in Texas on this line what is claimed to be the largest poultry farm in the world, which requires 110,000 eggs for each setting of the incubators, with an annual output of nearly 2,000,000 baby chicks. This is a strictly Southern enterprise, founded and built up to its present great proportions by a Southern man, and 75 per cent of the output goes to Southern people. A tribute is paid by President Gorman to the work of farm boys' and girls' clubs, which now have over 160,000 members engaged in effective work for encouraging diversification.

W. B. Storey, president of the Atchison, Topeka & Santa Fe Railway System, referring to the three states—Texas, Louisiana and Oklahoma—through which his road operates, shows that, though 1925 was not a favorable crop year, Texas led the nation in the value of its field and orchard crops with a total of \$799.330,000, or 8.3 per cent of the crop value of the entire country. Though Texas is pre-eminently a cotton-growing state, it is also a corn state, and wheat state, and an oats state, and likewise a state which produces great quantities of sorghum, grains, peanuts, watermelons and a wide variety of fruit and vegetables. In Oklahoma and Louisiana, as well as in Texas, much progress is being made in diversification.

President Wickersham of the Atlanta & West Point Railroad Co. and the Western Railway of Alabama, and general manager of the Georgia Railroad, says that, while cotton is, and will continue to be, the chief cash crop in that section, there is a momentous movement in a program of diversification, and he gives a very striking illustration of this fact. During the last few years creameries have been established at seven or eight different points along his road, while but a few years ago there were no farmers in that territory selling sour cream to creameries. At present, one dairy plant is under construction at an approximate cost of \$200,000. Good dairy cows are in demand in practically every county in that territory, and much progress has been made in diversification, including peaches and pecans, over 100,000 pecan trees having been planted in the past two "Marvelous advancement," says President Wickersham, "has been made along the line of poultry growing; commercial hatcheries, co-operative hatcheries and incubators on the farms are furnishing each year millions of baby chicks to add to these flocks." Farmers in this territory, who formerly depended upon cotton for their revenue, now have, in addition to cotton, peanuts, hogs, poultry and various fruits. Last fall, in that territory, over 400,000 pounds of vetch seed were purchased, representing a soil-building campaign covering over 20,000 acres. Farmers are using more intelligence in their operations than they formerly did. They are sending their boys and girls to agricultural colleges, and thousands of boys and girls are being enrolled in the agricultural clubs, and signs of progress are seen on every hand."

President Harahan of the Chesapeake & Ohio Railway Co. reports that from Newport News, on Hampton Roads, the port of a thousand ships, along the well-known Virginia peninsula, trucking crops of unusual quality and quantity are produced, including potatoes, watermelons, lettuce, cabbage, onions and tomatoes.

Referring to the three states, Virginia, West Virginia and Kentucky, he adds that they produce all of the staple farm products in increasing quantities from year to year, while diversification of farming is very general throughout that territory, with unusual opportunities for a wide variety of agricultural and manufacturing interests.

President Kurn of the St. Louis-San Francisco Railway Company welcomes the opportunity to tell readers of the Blue Book about the development along the lines of the Frisco in the South. He says:

"I am also one who believes that the path of progress in this nation leads toward the 'Sunny South,' which is not merely a land of cotton, but a region which produces a variety of commodities only limited by the resourcefulness and the requirements of mankind."

His article, like all the others by these railroad people. is beautifully illustrated with pictures of fruit growing and diversified farming. Agriculture, says he, has shown an increasing tendency to diversify its products and the farmers are now reaping the rewards of this wise policy in the enjoyment of much larger and more regular revenues. Five years ago, for instance, in southeast Oklahoma no perishable crops of any consequence were produced, except peaches. Last year that territory tributary to this road raised 60 carloads of strawberries, 27 cars of tomatoes, 50 cars of cantaloupes and 206 cars of potatoes. A sufficient acreage has already been planted this spring to give in a normal season a production of 500 carloads of potatoes, and a corresponding increase in the other crops mentioned. This has been done on land which, prior to 1920, was cultivated for cotton only. Five years ago the northeastern part of Oklahoma served by this line raised no perishable crops except watermelons. In 1925 that road moved to various markets from that region 160 cars of cantaloupes, 44 cars of potatoes, 11 cars of cucumbers and 33 cars of radishes, and in northwest Arkansas and southwest Missouri several hundred acres of Bermuda onions are now being planted for the first time, and promise at least 200 carloads of freight. These are but illustrations of the rapid trend to diversification throughout the territory on this road.

President Willard of the Baltimore & Ohio Railroad is as enthusiastic about the diversification along his line as are the other railroad presidents quoted. Higher grades of livestock are being raised, poultry development is making much progress through the medium of poultry clubs encouraged by the railroad, which has distributed high-quality egg settings to many farmers along the line. Certified potato clubs have been organized, soil improvement special trains have been operated over the road, and these have tested samples of soil for approximately 10,000 farmers, giving to each one specific recommendations as to fertilizer requirements.

J. C. Williams, manager of the development service of the Southern Railway system, quotes an address made in 1911 in Mississippi by J. A. Evans of the Department of Agriculture, who hailed the boll weevil as the advance agent of Southern agricultural prosperity, predicting that its spread

over the South would bring about a sound system of diversified farming in which livestock would have an important place, and in which cotton production would be maintained by the adoption of cultural methods which would result in larger yield on fewer acres. As the boll weevil spread eastward, the gospel of diversification was everywhere preached and, while mistakes were made at first and progress was slow, there is being evolved a system of growing cotton that will insure profitable yields. In the meantime, the farmers of the cotton belt have been getting away from the singlecrop system, and diversification has become the rule instead of the exception, with a widespread adoption of the "cow, hog and hen program," which consists of keeping a few cows on each farm, selling the cream to the creamery and feeding the skim-milk to hogs and poultry. In 1911 there was only one creamery in the whole Southern Railway territory. whereas now there is a creamery within easy shipping distance of practically every farmer in that great region. Though a large proportion of the cream is hauled direct from the farms to the creamery, the volume of milk and cream carried by the Southern Railway has increased during the last 15 years over 528 per cent.

These are but brief extracts from letters from the great railroad officials of the South, from Maryland to Texas, telling of the marvels which there have taken place in diversified agriculture throughout this section. Every letter is illustrated with beautiful pictures of striking scenes of farm diversification, and the symposium, as a whole, will prove of immeasurable value to the South by attracting nation-wide attention to the change that is coming about in Southern agriculture under diversification.

### VIRGINIA'S CHURCH FORCES ARE FOR PROHIBITION.

WHEN the Daily Bulletin of the Manufacturers Record of March 26 published an editorial calling the religious forces of the country to rally to oppose the fight against Prohibition, the Anti-Saloon League of Virginia took 3000 copies of that editorial and sent it to every church in the state. Writing us in regard to the results, Rev. David Hepburn, State Superintendent of the Anti-Saloon League of Virginia, gives the following interesting information:

"I thought you would be interested in the result of the circular-letter which I sent to our pastors, with copy of the Daily Bulletin enclosed. Notwithstanding that the following Sunday after I sent the circular was Easter (this means a full program for the churches), and the following Sunday was a bad day, I heard from about 330 churches; reports from 316 showed that there were 100,000 persons actually present and voting in opposition to any modification of the Prohibition law which would permit the manufacture and sale of beer or wine. Only about twenty voted for any modification.

"In addition to the above, there was held a citizens' massmeeting in Lynchburg, representing a constituency of 9860 church members, which passed resolutions in opposition to any modification, as did the following conferences and organizations: The Baptist Ministers' Conference in Richmond, representing a constituency of 24,697; the Ministerial Union of Hallfax County, with a constituency of 8800, representing four denominations; the Woman's Mississionary Union of Rappahannock County, representing all the Evangelical churches of that section, and a number of other representative organizations, including the Baltimore Methodist Conference, the 'Ham Ramsey' meeting in Danville, with over 3000 present, and the Billy Sunday meeting in Staunton, with more than 4000.

"The above made a considerable showing for Virginia in opposition to the wets, indicating very clearly that, as far as Virginia is concerned, it has not reversed its position on the Prohibition question."

#### COPPER EXPORT TRADING COMPANY.

NDER the Webb-Pomerene Act the copper companies are organizing not only for joint control of export copper, but for world marketing of the red metal. The president of the Metals Sales Corporation, Mr. T. Wolfson, has sailed for Europe to effect a combination of the foreign producers with the American group. It is believed, after the preliminaries that have been taken, that not less than 90 per cent of the world's copper will be represented in this combination. This will include not only the South American sources of production, which actually are owned by corporations engaged in copper mining in the United States, and, therefore, not strictly competitive, but will also bring in the Australian, European and African producers. If that means anything for real stability in the copper market, it would necessarily involve the harnessing into the team of the Katanga mines in the upper Congo. The competitive feature of this huge enterprise has been alarming to American copper producers. Its resources may have been exaggerated, but the half of the reserves credited to this copper field of the Belgian Congo would constitute such a menace as would require some assistance to our own copper industry. At the present time, with the incompleted shipping facilities which the Katanga enterprise will ultimately enjoy, their copper, shipped here as matte, and refined in our refineries, enters the market as "electrolytic" at a cost in New York less than the cost of bar copper or anode plates at most of our Western mines.

The experiment of the new Copper Export Trading Corporation will possess peculiar interest. The copper producers are distinguished among American industrial operators for having steadily declined a tariff on their output. Copper has for decades been referred to as a "free metal." However, despite the somewhat elevated fixed price of the metal during the war, nearly all the copper producers have suffered as a result of the series of shrinkages and expansions of demand during the troubled years from 1914 to the present. Normality, in the sense of that definite ratio between copper and steel output in tons and market price, that had long prevailed, never has been restored. Steel and iron are at a high price today compared with pre-war prices, all other commodities are at a figure that means either an improved market or a decreased purchasing value of the dollar, but copper sells at the same average price that obtained 30 years ago. That means that copper is not receiving within about 45 per cent of the price obtained 30 years since.

It is asserted that the copper producers fear too high a price, lest they invite competition from substitute metals and alloys. Yet there is no such thing as substituting any other metal for winding motors and dynamos, for trolley wires, for making brass which is essential in a thousand vital articles of commerce, and if our coasts were blockaded and a war had to be met, we would be hard pressed to provide promptly enough the requisite amount of copper absolutely necessary for military and naval defense.

There is another phase that is more serious. We might meet the immediate need, for we now produce a surplus, and this surplus is and always has been the reason why the copper miners have rejected a tariff. That serious phase is that we have in sight less than 30 years' supply; and there is no present outlook for developing fresh reserves that will measure up to any important proportion of our present supply. In other words, the more we produce, and the more we ship abroad, the sooner will we be dependent upon foreign copper for the bulk of our own necessities. As a matter of conservation, in the spirit of that propaganda which prevailed some twenty years ago, are we doing right not to find some other solution of the problem? To protect the copper producers; to make their investments profitable; and at the same time prevent our disgorging our own supplies, which

were our birthright, and thus maintain that economic balance within our own borders that is of the very essence of rational national defense, have we not as a people sufficient prevision of our needs to devise an intelligent way for assuring a longer life for our copper reserves? Are we to trust in miracles at a time of future need?

The copper producers possess our sympathy. They were hard hit at a time when war industries made fortunes and built up large new permanent enterprises. No one can complain of any lack of patriotism on the part of the copper miners. They welcomed and directed the limitation of price that ruled during an epoch of general extravagance, for which the needs of war were offered as an apology. How far their world combine will assist them remains to be seen. It would appear that the new arrangement will hardly have a long life. Even all those who have entered into it are not fully convinced. There are a few who believe that the time has come when there should be a tariff or some form of Government shelter. One of the great firms, the Miami Copper Co., under the same control as the Tennessee Copper Co., has held aloof in America, and the conservative old Rio Tinto, an English concern in Spain, has declined to participate. It produces a special soft copper, for which it has its own steady market. It is somewhat in the same independent position as the Sopwith Lead Company in Linares, Spain, which knows that all high-grade British sportsmen and all plumbers to the elect must, respectively, have Sopwith shot and Sopwith lead pipe. To convince them that any other was "just as good" would be a task equal to moving the Pyramid of Cheops.

We wish the copper producers prosperity in their combination, but we wish more heartily that the American people take hold of their copper problem with conviction of their duty to reach an intelligent solution for the continuing welfare of the Nation.

### ALFALFA IN GEORGIA AND WHAT IT IS ACCOMPLISHING FOR AGRICULTURE.

H. M. COTTRELL, Agriculturist of the Georgia Bankers
Association, writing from Atlanta, gives some interesting facts in regard to the development of the alfalfa industry as recently shown by the Georgia State College of Agriculture at Athens.

Within 12 years the red-clay hills of the Agricultural College farm have produced four to five cuttings a year, worth in the market \$100 to \$150 an acre annually. This is a crop that takes little hard labor, and the average small farmer can handle five to ten acres and not interfere with his cotton growing, and thus double his net cash income.

John E. Conwell, president of the Georgia Cotton Co-operative Association, stated that some years ago he saw alfalfa on the Agricultural College farm and went home and sowed seven acres on land that was regularly yielding only half a bale of cotton an acre. For five years he got five to six cuttings of hay each year. He then broke the alfalfa field, planted it to cotton, and on the seven acres raised 19 bales, or as much cotton in one year after alfalfa as he raised in six years growing cotton continuously.

There were 42 men from Elbert county at this alfalfa demonstration, and the farmers from that county are determined to make their county the alfalfa section of Georgia. They have been making plans for a month to have alfalfa sowed on at least one farm in every ten in the entire county.

The Georgia Bankers Association is sending out a circularletter on the subject to the bankers of Georgia urging them to take an active interest in encouraging the farmers of the state to engage in alfalfa raising as a sure road to build up agricultural conditions.

#### HOW A STRANGER WAS RECEIVED IN AT-LANTA, ILLUSTRATING. THE POWER FOR GOOD OF A WARM WELCOME.

FORTY-FOUR years ago there went from New England a 20-year-old youngster by the name of H. M. Atkinson, today, and for many years past, one of the foremost business men of Atlanta. In a recent speech, upon receiving a loving cup given by the Atlanta Georgian-American for the most effective work for the benefit of the community during 1925, Mr. Atkinson made an address which should be spread broadcast throughout the country in order that the people of other sections may, through his statement, come into a little closer personal touch with the people of the South. He paid to the people of Atlanta and of the South in general a tribute for friendship, for co-operation, for social and personal recognition which, we believe, has hardly ever been surpassed by anyone who has spoken about the South.

The 20-year-old youth who settled in Atlanta in 1882, coming from Boston, where there was at that time a good deal of bitterness against the South, was the nephew of Edward Atkinson, one of the foremost political economists and publicists this country has produced, as well as a leading business man long identified with cotton manufacturing. Mr. Edward Atkinson was a great friend of the South, but was unsparing in his criticisms of its political doctrines and likewise unsparing in his criticisms of the South's refusal to have mixed schools, whites and negroes. He thus made strong friends and bitter enemies throughout the South. The friends praised him for the good he was doing the South; the critics denounced him for his perfectly frank and vigorous expression of his own opinions about what the South was doing and in which he did not believe.

His nephew located in Atlanta and soon became one of the outstanding men of that community. But let him tell his own story in the address he delivered upon receiving the loving cup. Here it is:

"I feel a sort of goneness tonight. If I tried to voice my appreciation I would utterly fail, because there are no words at my command adequate to convey my feeling of gratitude for this great honor. But I do want you to know how grateful I am to the Georgian-American for presenting this beautiful loving cup, to each member of the committee of award and to the Chamber of Commerce for honoring me in this way on this occasion.

"Better than the loving cup is its symbol of comradeship with you citizens of Atlanta and the people of Georiga.

"As you know, I came here from a distant section of the country. The thing that I value and will value all my life more than any other is the fact that you have accepted me as one of you, that you have taken me into complete comradeship with you as a citizen of this community, and that I may call you all my friends. That is the most valued possession I have tonight.

"A representative of the Georgian-American came to notify me of this award and asked me to give him information about myself. I told him that if there was anything in my work, anything in my life, that was worth writing about, the record of that existed and he must go somewhere else to get this story. He next asked me what my life inspiration had been. I did not tell him because I did not think it was appropriate at that time. I know what my inspiration has been and is now and I am going to tell you tonight if I can.

"I came to Georgia first in the summer of 1882. That was nearly 44 years ago. Remember, this was only about fifteen years after the War between the States, and I was a Yankee. If you will think of it, the World War has been over nearly ten years and yet how near it is. From the beginning I

became greatly interested in Georgia and in Atlanta and in the whole South.

"I have been deeply inspired by qualities of character that you people of the South have, the value of which I think you scarcely realize. I believe they are greater assets perhaps than all the natural advantages, all the natural riches of the South. I refer to your kindliness, friendliness, comradeship, kind-heartedness, charity, generosity and courage all combined.

"In the entire 40 years I have lived here I have never experienced anything but kindness, courtesy and friendship. I mention these inherent qualities of the people of the South because they are an asset, as I stated, of inestimable value, and I am one living beneficiary of their inspiration. There are countless others.

"As I say, I came here first in 1882. I was 20 years old. I was just a boy, but I was at the age when things make deep, lasting impressions. The kindness, the good-fellowship, the comradeship, the way I was received by everybody touched me deeply. The man to whom I was sent for a job when I came to Atlanta over 40 years ago, Mr. S. M. Inman, who was a friend of my father (just bear in mind, please, how near to the end of the war between the states this was), took me into his house, and if he had been my own father he could not have treated me any more kindly.

"I want tonight to tell you not of anything I have done, but what you have done for me. I believe that reception, the taking me in and receiving me in that friendly way, so shortly after the end of that terrible war, made an impression on me and excited gratitude in me which ever since has been the inspiration for the work that I have attempted to do in this city and in this state.

"The war between the states, as everybody knows—that cruel, terrible war—devastated the South. The South was impoverished. It had no capital. Even the men to take up the work were comparatively few. Now, what excited my admiration was the way the people of the South met this problem and the great and wonderful struggle they have made from that day to this to come back and build up this country. My inspiration is due to your example. It is gratitude for your kindness to me, a Yankee stranger. I owe everything to you for your kindness and the way you received me as one of your fellow-citizens, one of your friends.

"While I would not detract a particle from the tribute due the soldier of the South, from that beautiful tribute to the valor of the soldier of the South, the Stone Mountain Confederate Memorial coin I hold in my hand—one of the greatest tributes any government has ever paid to the valor of a people—I believe there are things nearly, if not quite, as hard as giving up one's life for one's country.

"The uphill struggle going on when I came here 44 years ago was to my mind a harder thing to face, perhaps, than even giving up one's life for one's country, because the comparatively few men left were without money, without friends, without resources, and many of them were actually suffering from the effects of war wounds, war deprivation and war exhaustion which lasted the rest of their lives. My admiration for you was because you met and have met this situation ever since with 'constancy, fortitude and courage,' and greater than all these with charity and kindness in your hearts.

"So you people of the South since the war, like your soldiers of the war, have run true to form because you have, to use the words of the immortal Lee, 'opposed constancy to adversity, fortitude to suffering, courage to danger.' Tonight after 40 years with you this is the tribute I can sincerely render to the 'valor of the people of the South' since the war.

"I am proud to have taken part as your comrade and friend in the new development and prosperity of the South. I am proud to have been associated with you and to be one of you. You have made what I have done possible because you have given me my inspiration.

given me my inspiration.

"I thank you from the bottom of my heart. I thank you that I am here tonight. I never felt as happy in my life because I have accomplished the ambition of my life, which is to be regarded and to be forever one of you.

"I shall preserve this loving cup always as a physical token and symbol of this friendship and comradeship which bind us together."

### STONE MOUNTAIN MEMORIAL TO BE COMPLETED.

THE Stone Mountain Confederate Memorial Association, of which Hollins N. Randolph is president, has by unanimous vote of the board of directors accepted the model of the sculptor, Augustus Lukeman, and is now advertising for competent contractors for the finishing of the figures named. The Association, Mr. Randolph advises the Manufacturers Record, is at last in sufficiently strong financial position to take care of the cost of the work, and has well-defined plans to provide the Association with sufficient funds to complete the entire monument.

Every lover of his country, North and West, as well as South, may well rejoice that this monumental work-the greatest piece of sculpture ever undertaken in the history of the world-is now in a fair way to be carried to full completion. It is a tribute to valor and heroism and a consecrated sense of duty which will last as long as earth itself lasts. No one can question the fact that the men who, like Lee and Jackson, led the armies of the South, and that the men who followed them, had a profound sense of the duty which, in their opinion, caused them to enter this great struggle. They are typical of the real, true American. The cause for which they fought was that of states' rights, and though by the arbitrament of the sword and in the good providence of God the Confederacy failed, there is today a growing sentiment throughout the nation for saving states' rights from being destroyed by the concentration of bureaucratic power in Washington.

The valor of the men who for four years carried on a mighty struggle has set an example for all men of all ages—an example voiced in the words of Robert E. Lee that "Duty is the noblest word in the English language."

The carving of this mighty piece of granite, Stone Mountain, the greatest unbroken piece of granite known to the world, will make this the most enduring, the most remarkable memorial ever built in all the world's history. Harry Stillwell Edwards, the noted writer, tells this little story:

A young boy, eager to see the world but too poor to do it, one day found a well-filled purse on the street. He took it home, and on examination found more money in it than he had ever expected to own and sufficient for him to start out to fill his desires. That night he went to bed supperless. His mother could not persuade him to eat anything. He claimed to be well, but he was not hungry. Through the night he struggled with his sense of duty. Should he return the money, or should he use it in order to go out into the world? At daybreak, packing a few little things into a handbag, he started on his journey, leaving the house while his mother was asleep.

As he went on through the streets of Atlanta and finally came opposite Stone Mountain, just as the sunlight was bringing into full relief the outline of the head of Robert E. Lee, he stopped and studied a moment. He had heard much from his mother of his father's valor, his father's honor as a man, and his devotion to the Confederacy in which he had lost his life. The sense of duty came flooding back into his heart, and retracing his steps he went to the office of the man whose name was in the pocketbook and returned the money.

He was asked why he had done so, and then he told of the struggle, the fighting within and the fighting without, as to whether he should carry out his longings or whether he should take back the money, and he said that as he looked upon the face of Lee outlined on the mountainside he realized what duty meant and he wanted to maintain the honor which his father had maintained as a Confederate soldier, and so retracing his steps he had brought the money back.

Whether this story be an imaginative one or not is immate-

rial. It teaches a lesson. No man, no boy, can look upon the completed memorial to the honor and the valor of the Confederate soldiers to be outlined upon that imperishable Stone Mountain without having a keener sense of duty and the thousands and the tens of thousands from other sections and other parts of the world who will visit this mighty memorial will find within themselves a quickened sense of duty and an appreciation of the spirit of men who were willing to lay down their property and their lives in order that they might follow their convictions in doing the thing they believed to be right.

### NEW ENGLAND'S PROSPERITY BENEFITED BY SOUTHERN PROGRESS.

GOVERNOR BREWSTER of Maine is evidently a man of broad vision in studying the economic problems of the day. He and a large number of Maine people recently made a visit to the South. They were greatly impressed with this section, but they realized that instead of being a menace to New England prosperity the progress of the South can add enormously to the prosperity of New England. He urged his hearers to seek Southern trade, to go after it and get their share of it, emphasizing how Southern prosperity will enlarge the market in the South for everything which New England produces.

That is a view which we have long sought to impress upon our Northern and Western readers. Southern prosperity means an increasing demand for everything which enters into the building up of the most richly endowed region in the world the South.

In his address before the New Haven Chamber of Commerce Governor Brewster said:

"An increase of over thirty billion dollars in the wealth of the new South in the past decade and an increase of its annual income by untold millions as a result of the recreational and industrial developments now going on in Florida and elsewhere offer a market which a New England Yankee cannot afford to overlook. The phenomenal increase in the purchasing power of a section preoccupied for a half century with wresting a rather meager living from the wreck of an industrial system in which it had been bred presents a remarkable opportunity for expansion of the trade which New England seeks.

"It is not wise to spend our time in shuddering at industrial development in the South, forgetting that it will take generations to develop an industrial atmosphere capable of competing with us in myriad technical lines, if indeed the handicap of the marvelous industrial transformation of the last half century can ever be overcome. The Civil War and its aftermath intrenched New England industrially, and it is with very poor grace that we begrudge our Southern neighbors such lines as they now can develop with their comparatively untrained labor supply and Ill-developed industrial life.

"It would be more worthy of the traditions of the merchantmen who sold ice in Calcutta and Bombay if we should study carefully these markets and supply them with their needs. This was the purpose of the Maine Pilgrimage of Education and Good-will.

"Our middle Western neighbors are rapidly awakening to

"Our middle Western neighbors are rapidly awakening to this appeal and are throwing out their outposts to reach this great new trading territory, as was evident in Atlanta and New Orleans. The Southern states offer a fertile market for our seed potatoes, winter apples, canned sweet corn, shoes, machinists' supplies and possibly some woolens, and, lastly, our recreational delights.

"The little town of Sanford in the state of Maine supplied our Southern friends with 12,000,000 yards of Palm Beach cloth last year, and for good measure, in addition, furnished all the Pullman plush and 30 per cent of the automobile plush used in the United States. These are textile lines developed in that town within a decade out of nothing but the trading intelligence which was bred in our New England soil. We need only to overcome the inhibitions of a century of antagonisms now happily passed to realize the eagerness with which the South will barter if we are ready to use their goods."

#### ONLY FOOLS COPY FAILURES.

I'm has been proposed that we settle the argument over Prohibition by a national referendum, and the proposal is being actively pushed. On its surface such a proposal seems fair and square enough. It is the people's business whether or not they drink; why not let the people settle it?

So speak the avowed advocates of direct action. So chant their thoughtless followers. The people may know what they want today, but do they know what they will want six months hence? Can we afford to overlook the notorious fickleness of the crowd? In the heat of such a discussion as this over Prohibition, do the people reach carefully reasoned conclusions, or are they guided chiefly by their own selfish desires? Do they bring to bear on the issue that careful deliberation that takes into account our obligation to pass on to generations yet unborn a Government at least as sound and good as that which they inherited?

How many of the advocates of a referendum on Prohibition realize the subversive character of this proposal? Here is an issue larger than Prohibition. Shall we permit direct action to creep into the Federal Government, as it has crept into nearly half our state governments? It is in this fashion, under the plea of the necessity of some pressing issue, that innovations slip into the principles of government, and continue to alter our institutions long after the particular issue has been forgotten.

Direct action is the absolute negation of that basic feature of our Government—representative action. The referendum, on any subject whatever, is one of four devices for nullifying representative action by direct action. The other three are the initiative, the recall of representatives and the recall of judicial decisions by popular vote.

The Constitution was not adopted by direct action. Had it been submitted to a referendum it would have been overwhelmingly defeated. The people did not want it. It was adopted by popularly elected representatives only after the most careful deliberation. It cannot be amended by direct action. We have our choice of two methods of amending it. Both of them are devices for representative action.

But the Constitution is a relic of an antiquated age, say the advocates of direct action. Why should we preserve it? Direct action is the order of the present and of the future. Let us not be governed by dead men.

Representative government is still the newest form of government in the world. True, its germ appeared in Anglo-Saxon England seven hundred years ago and developed slowly there, but the Government erected in this country on the Constitution was the first strictly representative independent Government in the world. It is newer even than communism, which was tried and completely discredited in Virginia and in New England in the early Seventeenth Century.

Direct action in its various forms is older than the earliest germs of representative government, and wherever it has been tried it has failed.

Let us not be governed except by the principles of sound government. Let us not repeat the recorded blunders of dead men. "We have no way of judging the future save by the past." To turn our backs on the accumulated experience of past generations would be the rankest folly. We do not do it in science. All our science is the accumulation of the experience of consecutive generations. Why should we do it in government? All we know of government is simply an accumulation of the experience of consecutive generations. If we will accept the lessons of history as a guide, to be interpreted by common sense in the light of modern conditions, but also in the light of the constancy of human nature through the ages, we shall shun the blunders of earlier races and vanished nations. If we will but turn our eyes back over the history of early attempts at free government we shall

recognize all devices of direct action as the age-old relics of a groping antiquity. We shall then reverently set our own recently resurrected, fancifully named specimens—the initiative, referendum and recall—back in the museum of ancient history where they belong, in order that we and our posterity may be warned by them to cling ever more tenaciously to the only successful method of free government man has yet devised, and shall settle all our issues, including Prohibition. by representative action.

## THE 1926 EDITION OF THE BLUE BOOK OF SOUTHERN PROGRESS IS NOW BEING DISTRIBUTED.

THE 1926 edition of the Blue Book of Southern Progress, which is now being distributed by the Manufacturers Record, is larger and more comprehensive in scope than any previous issue of this annual publication. It contains striking facts of the South's development which cannot be found elsewhere in such handy and condensed form.

Special features added this year include over 200 illustrations of various phases of Southern activity and a symposium on the progress of diversification in agriculture in the South by railroad officials of practically all the leading railroads of the South.

Advance orders for copies of the 1926 edition of the Blue Book of Southern Progress have been heavy. These orders are being received from railroads, banks, industrial corporations and firms who realize the great value of this work on the South's resources and opportunities, and are co-operating in giving it a wide circulation.

If you want facts about the South, you can get them in this 372-page book published by the Manufacturers Record. The price of single copies of the Blue Book is 50 cents each, or 40 cents each for bulk orders of 500 up to 1000, and 30 cents each for 1000 copies or more.

The attention of the world is being turned toward the South as never before, and we believe nothing will contribute more directly to the cause of Southern advancement than the broadest distribution of this year's Blue Book.

#### CROP INSURANCE MAKING PROGRESS.

GEORGE H. THOMAS, administrative assistant to the Federal Farm Loan Board, Washington, has recently been in New Orleans making a study of crop insurance on sugar cane in that state. In the course of a letter giving some information on the whole situation he writes the Manufacturers Record:

"The Hartford Fire Insurance Company has provided a desired protection to growing crops in various sections of the country where Federal Intermediate Credit banks have made loans, notably in the New Orleans and Columbia districts and, in a lesser degree, in Springfield, covering potato growers in Aroostook county, Maine. In some cases it would be impossible for these banks to carry such loans except for the insurance features which the Hartford's policy provides.

the insurance features which the Hartford's policy provides.
"It seems to me, as it does to you, that out of the efforts which are now being put forth to aid in this kind of agricultural development a table of experience will result which will establish the part crop insurance may play in financing production. Certainly, it is an interesting, almost a fascinating, field of endeavor to investigate and to study.

"As rapidly as possible the facts that have a bearing upon the questions at issue must be brought together. A most important consideration will be the cost of this insurance. The individual farmer necessarily must be saved from excessive charges for the use of money in whatever form it occurs. Meanwhile, this system and all other agencies which are conscientiously engaged in a search to find fundamental principles which apply, the economic truth that is involved, or the rule of reason, should be spared from any sort of exploitation. Such a danger is present. We must go forward, slowly enough to stay always on solid ground, yet not so rapidly, perhaps, as some ardent crusaders would have us do."

### A CALL FOR THE PROTECTION OF AMERICAN INDUSTRY.

In recent announcement of a movement for the stimulation of a domestic market for American goods may be seen three major features: Realization that the home market has been ignored to a degree that such a campaign now is necessary; disclosure that the American tariff is not sufficiently protective to enable American goods to compete fairly at home with the pauper, or near-pauper, products of other lands; a great supplement to the stimulation of American industry as contemplated by the Export Trade Council at its recent convention at Charleston, S. C., through expansion of the export business.

The American market is the greatest market in all the world—110,000,000 people enjoying a degree of prosperity never known before in the history of mankind. The American market is almost without limit in its capacity to absorb necessaries and luxuries. The demands of this American market, alone, are almost sufficient in themselves to maintain American industry at top speed.

For many years, except in two or three periods in which tariff protection was discarded, this American market not only has kept American industry—both labor and capital—profitably employed, but also has enabled Uncle Sam to sell goods abroad in competition with other nations for world trade. This situation has been disturbed by post-war conditions, and foreign pauper-production now permits foreign goods to slip under the protective wall onto the shelves of American merchants and to undermine American industry.

Arises the National Association of Manufacturers to meet these new conditions through an appeal to the American people to patronize American industries. In reality, this is not an appeal of mere patriotic import; it is a call to self-protection for the people of the United States, in every walk of life. Every purchase of a foreign-made product reduces just that much the demand on American industry. The cumulative effect inevitably must be disastrous curtailment of American production, with consequent reduction of wages and of hours of work, even to the extent of actual unemployment. This is an appeal for economic self-protection for the American people, who alone can save themselves from deterioration to the level of semi-pauper foreign lands.

As John E. Edgerton, president of the National Manufacturers, puts it:

"Prosperity, like charity, begins at home. On the basis of energetic internal industry we have built the country to its very strongest position of affluence, happiness and international power. All right-minded citizens want to keep it in that position, and to do so we must maintain our present energy. We must realize, and bring all our people to realize, that a busy nation makes a prosperous nation, a prosperous nation a happy one. Prosperity is built primarily from within and secondarily from without. We must educate all our people to act on the fact that products made in the United States, under the highest standards of workmanship and wages, should have first consideration of all well-intentioned citizens.

"If every intending purchaser in the country will first ask if the goods are MADE IN THE U. S. A., he will not only circumvent those who are intentionally and continually substituting inferior foreign-made goods for the home product, but he also will be doing his part in turning back to his own people millions of dollars annually that will go into the payrolls of American industry and keep this country at its present high standard."

Nor is the appeal made alone to the purchaser; American merchants also must be enlisted in this movement for the protection of American industry and trade. For, as the National Association of Manufacturers asserts, "despite the fact that the law requires that every imported article must bear in legible English the name of the country of origin. unless it would mar the article, many imports are sold over

the retail counters as American goods, or at least without intimation that they are not of foreign make." grave charge of violation of the law and deception of the American people which American merchants now should proceed by their merchandising methods to refute. No doubt there are such offenders, some through deliberation and others through lack of care or thought; they should be the first to enter this American campaign-for their own selfinterest, if for no other reason. There are mighty few imported articles which cannot be so marked without marring-we even have seen small imported bracelets of beads carrying miniature tags, "Made in Greece," and children's rings stamped, "Made in Czecho-Slovkia." Practically all articles can be marked, and should be marked. But, further than that, the purchaser should ask for American goods and be sure that he gets them, and the merchant should give preference to the sale of American goods and should see that his foreign wares are so marked.

America for Americans—Americans for America; that is the foundation for this movement instituted by the National Association of Manufacturers. If only for the practical, material reason of their own economic protection, American buyers and American merchants should respond immediately and 100 per cent to the call.

### MISREPRESENTATION IN NEWSPAPER HEADLINES.

THE misrepresentation of headline writers in giving an absolutely false impression as to the contents of the article underneath the headlines is beginning to attract wide attention. The Manufacturers Record has recently been discussing the subject and an illustration of the errors which these headline writers often make is given in a letter to this paper from a leading business man of New York. He writes:

"If there is any law against the misrepresentation in headlines of articles—misrepresenting the text of the article—it should surely be invoked against the New York papers. The New York Tribune in a special setting says: 'Will continue to print a full and impartial account of each day's session'; and just over that (in letters extending entirely across the top of the page) they say: 'Legalizing wine and beer would take outlaw brand off of rum, says M. E. Bishop.' I have read every word they printed that the Bishop said and I can find nothing from which they can draw such an inference. Everything I can find is exactly opposite. How to combat such misrepresentation, I do not know!"

It has become almost necessary for newspaper readers to ignore entirely the headlines. There was a time in newspaper work when the headline was supposed to represent the exact facts which appeared in the article under the headline, but today something sensational, and often thoroughly misrepresentative, is paraded in headlines giving an entirely erroneous impression to the readers. Probably one-half of newspaper readers depend almost wholly upon the headlines. They pass on from one page to another, glancing simply at the headlines and forming their impressions by what the headliners have written. The headliner becomes, therefore, one of the most important factors in newspaper work. He can tell the truth in his headlines, or he can thoroughly misrepresent the truth. His responsibility in many cases is greater than that of the editorial writer. Headline writing should be regarded as a position of large responsibility and the best men to be had should be selected for the job.

If the daily papers of the country want to win back the public favor which to some extent they have lost, they should be certain that their headline writers make the story told in the headlines accord exactly with the facts. The case quoted by our New York letter writer is in keeping with many similar cases to be found in many of the leading daily papers of the country.

### WHY RAILROAD FREIGHT RATES RETARDED SOUTHERN COMMERCE.

Many of the speeches made at the Foreign Trade Council Convention at Charleston were of exceptional interest, and among the extremely important ones was that of R. Goodwyn Rhett, president of the Peoples First National Bank, Charleston. In his address, Mr. Rhett pointed out some facts in regard to why there was for so long a time a halting in the material development of the South, and especially in the matter of foreign trade. The figures which he gave in regard to the former freight rates from the West to Southern ports as compared with more distant ports in the North, shows a degree of unfairness to the Southern ports which is a reflection upon the entire railroad management of the country.

If Southern railroad people were not able to secure better rates for Southern ports as compared with the Northern ports, it was, in our opinion, their duty to appeal to the public, to the Interstate Commerce Commission and to Congress itself, and thus make a square and persistent open fight in behalf of Southern ports. Of course, there were various excuses given as to why these unfair rates to the South were in existence, but we have never been able to see any excuse that was a real argument.

Discussing this situation, Mr. Rhett presented the following facts:

"This rate structure completely shut out the ports on the South Atlantic from any participation in foreign commerce to and from the territory beyond their immediate environment and confined that commerce to the cotton, lumber and naval stores at their doors for export, and to fertilizer materials to be used in their factories for import. Let me illustrate:

Cincinnati is 706 miles by rail from Charleston. Cincinnati is 757 miles by rail from New York. Cincinnati is 1,299 miles by rail from St. John, N. B.

Cincinnati is 1,299 miles by rail from St. John, N. B. Cincinnati is 1,573 miles by rail from Halifax, N. S.

"Before the World War the Sixth Class rate from Cincinnati to these various ports was as follows:

"Here we find a rate of 46 cents per 100 pounds for a distance of 706 miles to one Atlantic port against a rate of 22½ cents per 100 pounds for a distance of 1573 miles to another Atlantic port.

Now, the rail rates from the interior of the country to all the Pacific ports were and are practically the same, no matter what the distance; and in like manner the rail rates from the middle West were and are practically alike to all the ports north of Hatteras, even as far as Halifax-as we have seen in the above illustration-irrespective of distance. but the coast south or Hatteras and the ports located there were absolutely proscribed. For years these South Atlantic ports fought this outrageous discrimination without avail, until the World War brought it to the attention of the United States Government when its War Department began shipping products from the middle West to the Port Terminals at Charleston and would not countenance paying over twice the freight rate from Cincinnati to Charleston, a distance of 706 miles, as it was paying from Cincinnati to New York, a distance of 757 miles. And so it was that this coast for the first time was placed on a parity with the North 'Atlantic.'

Now that Southern ports are getting more equitable rates, we may safely count upon a rapid increase in commerce through Southern ports, to the very great advantage of the whole country—and certainly to the upbuilding of the South.

### The British Strike.

By COURTENAY DE KALB.

Not only between the lines, but by many outspoken words, it appears that labor in England is still British. Remaining British, it is not succumbing to the persuasions of the Third Internationale. Even a Soviet leader, issuing a statement through the Soviet Embassy at Berlin, confesses that "We don't consider English labor's action revolutionary, but believe it will stimulate the movement toward world revolution." To "stimulate" a movement is quite different from overthrowing a Government. Even "stimulation" does not appear at this stage of the strike to be a correct term to apply to the present unheaval in England. If England's labor, despite such tremendous show of force, is not and has not yet displayed a revolutionary tendency, it is absolutely certain that it signifies a rebuke to Moscow.

It is no light matter for the laboring classes of a nation to produce a "general strike." It requires a broad consensus of opinion collectively to endure suffering and to make sacrifices for the ends desired, sacrifices that so deeply disturb the routine and peace of each individual and each family, and that involve such an enormous outlay of money. It would be a long time before it would be possible to move British labor to call another general strike after this struggle has ended. If the propaganda of the Soviets in England has not succeeded in impregnating the British mind with the red doctrine so as to take advantage of such an occasion as this, so ripe for radical effort on behalf of the workers, then the Russian struggle for internationalizing the laboring classes has definitely lost its appeal.

There may, then, be a peculiar value in this strike. It may demonstrate to all the world that the Soviet propaganda is no longer a thing of real influence. It may show that its effect has gone no deeper than to reach those weak intellects that have lost their sense of patriotism and to whom nationalism is meaningless. It may prove that Red Russianism is indeed "proletarian," and that is confined to the weaker minority of the proletariat. That would elevate the worker above the self-imposed stigma of being proletarian, for when the worker is a sound-hearted nationalist, responsive to the fine enthusiasms and conservatisms of patriotism, he does not belong to that rabble that Russia has vainly sought to glorify.

The British labor leaders with one accord declare that they have no thought of revolution. There is, of course, the single question, which the events of the next week or two will determine, whether the mass of the people may break away from their leaders, under the inspiration of violent orators and the persistent personal propaganda of the Red agents. On the other hand, it must be remembered that dire predictions were made of radical changes of policy when Ramsay MacDonald reached the Premiership, but he did only one radical thing-which was to recognize Russia. As for the rest, he pursued quite consistently the ancient standardized British policy that has been traditional for centuries. Great Britain depends on foreign trade; she has no other resource; and every man, from the humblest to the highest, possesses an instinctive understanding of that historic foreign policy on which British bread and butter depend. That spirit exerts a steadying influence. It will probably hold the rank and file to the views of the labor leaders who have been sobered by a long parliamentary experience that has enabled them to understand the meaning and the importance to Great Britain of "empire."

If the British leaders will take advantage of the situation to suppress alcoholic beverages of every kind, and remove the danger of that agitator to acts of violence and insanity,

much will have been done toward insuring a peaceful solution of the questions at issue. Doing this as an emergency measure might lead to continuing suppression, and effect a huge economy in living for all classes in future. Considering this upheaval on the side of coal mining only, which is the main problem to be solved, it must be recognized that national customs and national viewpoints, leading to special practice in industry, have a great deal to do with the matter. It is not to be thought that the Coal Commission reported in blind devotion to the interests of the mine owners. They all knew that there was tremendous unrest; that there was difficulty on the part of labor to live on a comfortable plane upon the wages received. This unrest indicated that a solution must be found. As things stood it was impossible to pay such wages as were demanded and produce coal at a price in competition with foreign coal, or that would produce power at prices that would enable British manufacturing to maintain its position against the world. A condition that is evident to an observer from this side of the Atlantic is that the British coal miners recover a very high percentage of the total coal in the seams. reaching as much as 95 per cent. However, this is done under conditions where labor is used to excess and mechanical methods are reduced to a minimum as compared with mines in the United States. That necessitates a lower wage.

In the United States we have gone at the problem directly from the other end; we have been content to win a small proportion of coal, and to do it cheaply, with few men and with all manner of mechanical labor-saving devices. The net result has been that we have been able to pay high wages. and that we have regularly sacrificed from 50 to 55 per cent of the coal in the seams, which never can be recovered. We have been wasteful of coal, improvident in the husbanding of our resources, while the British have been wasteful of labor, while jealously guarding their reserves of raw material. We are changing our methods rapidly, by devising ways for extracting up to 90 per cent of our coal under favorable conditions in our better-managed mines, without abandoning our mechanical equipment. This will enable us to pay fair wages and to increase our profits at the came time. If the British were to alter their methods, their safety laws would require severe revision, because, to name but one thing, they do not suffer the use of trolley wires for electric haulage. Electricity is permitted only under extreme provisions for safety from explosions underground, and even if this difficulty be overcome by the development of the safety systems being offered by manufacturers of electrical equipment, the increase of mechanical operations would immediately displace hosts of workers. What would England do with this surplus labor? Can a Government develop a policy for the solution of a great industrial problem, which necessitates saying to a large body of its people, "You must emigrate?" Changes of this nature in the industrial life must come slowly, through the individual initiative of operators here and there, and not suddenly, as part of a concerted program that would weigh heavily on numbers of the workers.

These considerations indicate a grave difficulty, which makes a satisfactory adjustment of the complaints of both sides far from easy to reach. The fact that the strikers have not shown a tendency to respond to the Red agitation when it has come to concerted action encourages belief that the people of Great Britain are still one people, and that they will settle their problems by some modus vivendi which may not be apparent to us, detached as we are from the details of their existence.

### In Letter to President Coolidge B. F. Yoakum Analyzes Dangers in the Haugen Agriculture Bill.

By B. F. YOAKUM.

[In a letter to the Manufacturers Record B. F. Yoakum, who for years has given very close study to the agricultural interests of the country, encloses copy of a letter which he had written to President Coolidge and which we are presenting in full. Mr. Yoakum writes as follows:

"I am enclosing copy of a letter I have today written to President Coolidge on a subject which vitally affects every man, woman and child. Especially would the Haugen bill impose a hardship in our manufacturing communities, with an additional tax on food and a heavier burden on employes, and with no benefit whatever to the farmers. It would also destroy their independence and their co-operative organizations."

We commend to our readers a very careful study of the extremely interesting presentation which Mr. Yoakum has made of the Haugen bill as it appears to him.—Editor Manufacturers Record.]

My dear Mr. President:

The problem of agriculture, now being vigorously fought out in Congress, is by far the most important one before the American people.

The Haugen bill introduced by Congressman Haugen of Iowa, if passed by Congress, would be destructive and prevent the farming industry from being placed upon a sound, economic and profitable basis.

The Haugen bill would create a political, centralized, bureaucratic governmental control at Washington, which would endanger the country's future and its institutions.

Nothing could be more concretely stated, or in stronger language, than that expressed by you in your speech at Chicago, when you said:

"Government Control Cannot Be Divorced From Political Control.'

The business transacted by farm organizations under their local and state system of co-operation last year amounted to \$2,500,000,000, thus establishing unquestionably the fact that the farmers are capable of managing their own business in a manner in keeping with other large industrial

The dangerous Haugen bill would destroy these existing farm co-operative associations, which have been built up, as stated by you, "as the result of centuries of struggle."

Without taking up too much of your time, I will briefly point out a few of the results that would follow the enactment of the Haugen bill.

The agricultural products subject to an equalization fee, such as would be arbitrarily fixed by the Federal Farm Board, would include cotton, wheat, corn, butter, cattle, swine and the food products thereof.

When any farm commodity is placed under "operation" by the Federal Farm Board, the equalization fee on that commodity would be paid under regulations prescribed by the Board.

The Board would require every person, individual, partnership, corporation or association engaged in processing or purchasing any commodity placed under "operation" to file returns under oath in respect thereof, and to show the amount of equalization fee thereon, and all facts in connection with its payment or collection.

Any person purchasing from a producer a commodity under "operation" would be held responsible for the equalization fee.

Anyone who fails to collect from the producer and pay to the Federal Board the equalization fee is liable for such fee and a penalty equal to one-half of the amount of such fee. The fee and penalty would be recovered through a civil suit brought by the Federal Farm Board in the name of the United States. In some cases such prosecution would probably require farmers to attend court 100 miles away from the point where the violation of the law was committed.

Some of the advocates of the Haugen bill estimate that

the equalization fee on wheat would be about eight cents a bushel. Under the enormous machinery the Board will build up it will be nearer twenty-five cents.

For a concrete illustration: A farmer sells 100 bushels of seed wheat to his neighbor at \$1.50 a bushel, or \$150. The buying farmer says to the producer, "I must collect from you a fee assessed by the Government of 8 cents a bushel, amounting to \$8." If the producer rebels, the buying farmer would say, "If I don't collect this from you, I am not only liable for the equalization fee, but an additional \$4 penalty for my failure to comply with the law. Besides, I would be liable to be haled before a Federal court and fined for violating the law."

This is only one of the many ridiculous, impracticable and uneconomic things that the Haugen bill provides for.

Another thing: It has become a custom, especially for the week-ends, for millions of people living in congested centers to drive to the country during the growing season for fresh table supplies.

One of their chief purchases is green corn, and thousands of farmers make a specialty of producing sweet corn for this trade, which is profitable to them and a saving to consumers. Besides, all sweet corn unsold can be fed to cattle and hogs.

This sweet corn, if corn were placed under "operation" by the Federal Farm Board, would apply, as all the production of any farm commodity under "operation" is included. There is no exception, and the law could not be enforced if it discriminates as between producers of a commodity under "operation."

Thousands of farmers now haul their products from their farms to markets. I have personally observed this with farmers who regularly sell in the New York markets.

There are thousands of trucks reaching the metropoltan districts of New York daily from 5 to 9 o'clock in the morning. There is a constant trade between farmers and consumers that is profitable to both by parcel post of vegetables, fruits. butter and eggs. Butter is one of the doomed on the

There are more local markets throughout the country where farmers dispose of their products to dealers and direct to consumers than there are national banks in the United States.

An enforced compliance with the provisions of the Haugen bill would require as strict supervision and as large an army of Government inspectors-probably at as great expense-as is now required to enforce Prohibition.

The Haugen bill is so impracticable, so unworkable and so uneconomic that it would be destructive not only to the farmer, but every business of the country, big and little.

I will not undertake to go further into detail. I will go directly at the reason why it is desirable by large interests to have it enacted into a Federal law.

You will observe that the Haugen bill has not a word or a remote suggestion toward bringing the producer and consumer, whose interests are inseparable, in closer contact in a manner that would increase the farmers' income and reduce the consumers' cost of living.

On the contrary, the Haugen bill would compel the 84,000,000 people who do not produce foodstuffs to pay more than the present exorbitantly high prices they are forced to pay.

One of the chief results of the Haugen bill would be to develop a powerful political machine to control the supporting industry of the country, thereby creating a central and powerful government of bureaucracy, destroying the government of democracy.

It is not hard to surmise the origin and purpose of the Haugen bill, with all due respect to Mr. Haugen, who, I am afraid, is being used.

The phraseology of the Haugen bill is full of disguises and deceptions. It is drafted in such a manner as to cover up its real intent and use to which it can be applied.

The two-billion-dollar Bread Trust, recently abandoned under the Anti-Trust laws, could have legally proceeded with its organization with large profits by advancing the price of bread to consumers to any figure it saw fit.

In connection with entering into agreements to handle large quantities of farm products and provide the necessary capital therefor, all know that no co-operative farm organization or association would be financially "capable of carrying out such agreements."

To overcome this the Haugen bill contains the following clause:

"If the Board is of the opinion that there is no such co-operative association capable of carrying out any such agreement, the Board may enter into such agreements with other agencies."

Therefore, this weak gesture of first offering to favor existing co-operative farm organizations is an impossible proposition intended to cover up the intent and purpose of the Haugen bill.

For instance: Within the last ten days and unquestionably in anticipation that the Haugen bill would be forced through Congress, there have been two strong mergers and combinations organized for engaging in and carrying on a flour-milling business.

One of these is the Flour Mills of America. Incorporated, with a capital of \$60,500,000.

Now, mind you, this is designated as a flour-milling corporation!

But, the incorporation papers of this big milling operation reserve the right to engage in import and export trade in foodstuffs and *general agricultural pursuits*.

Coincident with this flour-milling organization, there was a fifteen-million-dollar corporation organized in the West, under the same name, the Flour Mills of America, Incorporated, making a total of \$75.000.000 in the two propositions.

The latter owns and controls 150 grain elevators, with 7,000,000 bushels grain storage space.

The intent of these strong capitalistic corporations for the control of wheat and bread, with the authority to engage in *general agricultural pursuits*, needs no further explanation.

Such monopolistic corporations with unbounded wealth would pursue their business under a Federal law, enacted by Congress. should the Haugen bill be enacted.

These powerful corporations would be placed in a position to monopolize and make the prices for the farmers' wheat and make prices for flour in the kitchen, with no regard for anti-trust laws.

The only present organized combined capital that can be regarded as "capable of carrying out any such agreements" with the Federal Board as provided in the Haugen bill now engaged in processing cattle and swine are the large packers that are now the controlling factors in the trade of this nation and largely of Europe. Not a word of opposition to the Haugen bill has come from that source.

Under the enactment of the Haugen bill, the large packers would naturally remain supreme with the advantages given them through the enactment of a favorable Federal law, fixing prices to stock growers who would have to pay equalization fees on marketing their beef cattle, and the same interest would fix prices to consumers with added fees.

The wording of the Haugen bill is so disguised and looks so silently to its future use that it requires close scrutiny to dig out the meaning and effect of the phraseology so ingeniously used in its preparation.

The Haugen bill does not even attempt to give any protection or relief to the overburdened consumers of food products.

While, on the other hand, the Haugen bill would place the consumers absolutely under the control of the powerful corporations that are financially "capable of carrying out their agreements" involving hundreds of millions of dollars.

I am perfectly confident, as Congressmen study this colossal scheme, they will not, in my opinion, permit themselves and the country to be hoodwinked into becoming parties to it.

You, of course, Mr. President, realize that under the Haugen bill this unfair assessment is not only against exported wheat, corn or other agricultural commodities. It applies to the entire crop on any farm commodity placed under "operation" by the Federal Farm Board.

The wholly unneccessary tax, as embodied in the impracticable, uneconomic and destructive Haugen bill, is a tax, first, upon the farmers' products at the farm; second, it is a tax upon the consumers, with all the unnecessary added expense incurred through the political Board and the complicated manner in which it would have to be executed.

The day of the enactment of a Federal law that places farming in the joint control of politicians and large corporations will mark the beginning of the farmers' loss of their freedom and independence in the control and management of their business.

Such a condition under which the food would be produced would so greatly increase the cost of living that the middle and working classes could never hope to enjoy the high standard of American living to which they are so justly entitled.

I am,

Yours very respectfully,

B. F. YOAKUM.

The President,
The White House,
Washington, D. C.

#### Southern Bell Expending \$450,000.

Regarding the construction of two new buildings in Birmingham, for which it has secured a permit representing a cost of nearly \$450,000, the Southern Bell Telephone & Telegraph Co. wires that it will erect a four-story office building for machine switching equipment at 1715 Sixth avenue north. This structure will be of reinforced concrete, 140 by 190 feet, construction contract having been awarded to Day & Sachs of Birmingham.

The company will also erect an office building at Avenue R and 30th street, Ensley, for machine switching equipment, the structure to be two stories, 50 by 100 feet, of reinforced concrete. D. D. Thomas & Sons of Memphis, Tenn., are the contractors. Plans and specifications for both buildings were prepared by Marye, Alger & Alger of Atlanta.

### Indigo and Potash.

#### A CONTRAST IN THOUGHT AND IN RESULTS.

By CHARLES H. HERTY, New York,

In the spring and summer of 1922 we were seeking to have incorporated in the Tariff Act, then being formulated, such measures as would insure the continued development and permanency of those branches of the chemical industry which had been started during the war to relieve acute shortage and were considered essential for economic independence and for national defence.

The final results in the case of dyestuffs and other coaltar compounds were fairly adequate tariff measures which have enabled the industry to go forward, so that today our country no longer stands in need of foreign supplies, and it never will again. In the case of potash, however, the story is a very different one. No support could be gotten from the consumers of potash, chiefly the farmers of the South, either through their organizations, their publications or their Representatives in Congress. On several occasions I was told we did not have to worry about this, because our farmers would get the benefit of competition between the German industry and the new French industry, which resulted from the transfer of Alsace and Lorraine to the French at the end of the war. Consequently, the young potash industry quickly lost its vigor and all efforts to continues the industry failed, millions of dollars of capital being lost. Only one effort survived, namely, a British-owned company at Searles Lake, Cal. There, through the bulldog determination of the British, guided by the scientific, technical and administrative ability of an American chemist, Dr. John E. Teeple, success has been realized, though on a scale inadequate to the nation's needs.

The hope for competition between the German and French industry has likewise disappeared through a compact which practically unifies the industries of those two countries and which leaves the consumer under the new compact, just agreed upon for the next ten years, entirely in the hands of a foreign monopoly.

During those trying days in 1922 the attitude of the largest consumer of indigo in this country was very different from that of the potash consumers. Bernard N. Cone, president of the Proximity Manufacturing Company of Greensboro. N. C., addressing the Rotary Club of Greensboro September 12, 1921, said:

"Now, it may seem strange to you, knowing that the mills I represent are the largest users of indigo dyes in the country, to hear me speak in favor of an embargo against the German dyes. It would seem as if I were advocating something directly against my own interest. Well, it is against my own interest-against my immediate interest-but it is not against my ultimate interest. There is no doubt that the Germans, if permitted, could bring in dyes and sell them at a price less than it costs the American manufacturers to produce \* \* \*. Why, then, do I advocate a policy that means paying more for our dyestuff?

"It is because I am not concerned with the present alone. I am not thinking only of the immediate effect and the money to be saved on this year's business. I remember the dire straits we were in when the war broke out, and I am look. ing with fear to the time when the Germans may have accomplished their object and put the American industry out of business. This is the time we would have to pay the piper.

"It may interest you to know that back in 1914, before the war started, we were paying for indigo-that is the principal dve we use-about 15 cents a pound. During the war the price rapidly advanced until we were paying on a basis as high as \$1.35 a pound. After the American product was developed the price dropped to 75 cents a pound, then to 60 cents, and since the first of this year it has again been reduced to 40 cents."

Mr. Cone has been rewarded for his farsightedness, for according to reports of the United States Tariff Commission indigo, which, a few months later, was selling for 24 cents a pound, is now selling for 12 cents. In view of the fact that the pre-war dollar is now equal to \$1.60, this 12-cent price really represents, in terms of pre-war money, 71/2 cents. Mr. Cone is now assured of a permanent supply of a highgrade product at a cost of one-half what he paid before the

What about potash consumers? While it is true that the prices fixed last year by the Franco-German combine were not exorbitantly high, nevertheless it is very interesting to note a few days ago that in the prices announced for the coming year, effective May 1, there was an advance. The announcement, at least as printed in the trade papers, was cleverly worded, giving the impression that for the most part they were the same, with only slight advances on the lower-grade material. So far it seems to have lulled us into contented acceptance of the situation, but calculation of what these advances mean to our farmers, on the assumption that they will purchase the same amount of potash next year, shows that if they get this amount they will have to pay nearly half a million dollars more. The tonnages in these calculations are taken from the official import statistics of the Department of Commerce. The figures in this table may vary a few dollars more or less, as is explained in the note accompanying the table, but the main point of the story is there told:

	on B	Prices alk Mate	rials	Imports		
Materials Muriate 80%	1925 \$33.30 44.60	1926 \$33.65 44.60	P.C. Inc. 1.0	1925 Tons 161,028 68,952	\$5,362,232 3,075,259	1926 \$5,418,592 3,075,259
Kainite 14% Kainite 12.4%.	$8.25 \\ 7.75$	8.75 8.25	$6.0 \\ 6.4$	182,828	1,462,624	1,554,038
Manure salts 30% Manure salts 20%	17.50 11.00	18.00 11.85	2.8 7.7	384,232	*5,059,052	*5,340,822
				797,040	\$14,959.167	\$15,388,711 14,959,167

Note—Have not included Department of Commerce import statiscs on "Other Potash Bearing Materials." amounting to 23,597 tons, no data is available as to content of potash or sales value of

same.

\*Department of Commerce import statistics do not differentiate between imports of 20 per cent and 30 per cent manure salts. Department of Commerce Trade Promotion Series No. 33 (page 45) shows German exports of 20 per cent manure salts to be practically double those of 30 per cent manure salts. Therefore, for calculating these figures I have taken them on a basis of 2.1, respectively, for 20 per cent and 30 per cent manure salts.

Does anyone believe that this increased toll will be diminished if we do nothing about it? What can we do?

First, give vigorous support to the measure now pending in Congress to appropriate funds for exploration of the potash resources of the country.

Second, provide sufficient guarantees of safety of investment in order that abundant capital be available to develop these resources and thus make possible the independence of our farmers in the matter of potash.

A costly mistake has been made and we have got to pay for it, but the situation can be remedied if consumers will prove themselves as farsighted as Mr. Cone.

### Barron of Wall Street Journal On the South.

C. W. Barron of the Wall Street Journal, continuing his series of articles on Florida based on the investigations which he has been making for some months, in a recent letter gives some extremely interesting facts in regard to how a great Boston financier prior to 1860 contemplated taking an active part in the railroad development of the South.

These statements of Mr. Barron in regard to John M. Forbes of Boston recall to mind the fact that Abram S. Hewitt once told the writer that in 1857 he secured an option on the entire red-iron district of Birmingham with a view to building large iron works there, but seeing the danger of the Civil War he abandoned the enterprise. Had Forbes of Boston built Southern railroads and Hewitt of New York built the iron works, what a marvelous development there would have been in the South prior to the Civil War but for that disastrous event.

In the course of his letter Mr. Barron makes some interesting statements as follows:

"The movement of Northern people and capital into Florida opens up vast possibilities for the whole South if not for the whole country.

"Anyone who studies the lines of financial and commercial development, the mineral and agricultural resources of the South, and her possible lines of communication by water as well as by rail, cannot fail to visualize a new map of the United States, industrial, social and political.

"The late John M. Forbes was probably the greatest allround, far-seeing man of finance and business that New England has ever produced. As a young man he was the head of the house of Russell & Co. in China. Later as the head of the National Republican Committee he stood behind Abraham Lincoln in the Civil War. He built the two most successful railroad systems in the United States, the Chicago, Burlington & Quincy, now paying its shareholders more than 12 per cent, and the Michigan Central, earning 100 per cent.

"Before the Civil War, Forbes and his railroad associates had mapped the Southern states for railroad development. But the development of the South was not to be by slave labor or her cotton picking.

"The development which Forbes and his Boston associates were planning for the South is to come in mightier volume two and three generations later and through forces that did not exist before the Civil War. And it will come by a state with the oldest settlement, yet politically, socially, financially, agriculturally and in a business way formerly the least important of all the Southern states.

Only after great accumulations of wealth can there be business of financial development in a country, based upon considerations of health, recreation, pleasure and the prolongation of life.

"In early struggles life is sharp and short.

"With capital accumulation comes the ambition for easier living conditions, health and the extension of earthly

"There are three great reasons for belief in Florida. They are January, February and March. But these reasons would not exist had not accumulated wealth with new-born ambitions preceded.

"'Give me the luxuries of life,' said the philosopher, 'and I care not who has the necessities.' Life today is a matter of luxury. Formerly it was a matter of living, or existence.

"It is luxury conditions in the United States that are making Florida, and Florida is destined to remake the South.

"There will be many mistakes made in the advance of Florida and the South, and for a time many things will be out of balance. Land speculations may forge ahead of industry and agriculture, and it may be some years before Florida is a settled state with commerce, agriculture, manufacturing and finance in balance. At the present moment speculation, the primary and necessary exciter in development, is receding, but construction, building and sound development is going steadily forward.

"If I were in the predicting business I would predict another and greater speculation and excitement for Floridathe opening up of her underground wealth in oil. The great oil fields of Mexico are under a coral formation, and Florida has a coral area that is probably unmatched in the world. Geologists say that Florida is on the line where great underground wealth in oil might well be looked for.

"But this is a matter of speculation in which few people can indulge financially. Nobody save a trained oil man should now put a dollar into oil schemes in Florida.

"The great necessity for Florida at the present time is agriculture.

"I cannot discuss this subject any better nor close this series of articles on Florida more helpfully than in a letter just written to one of the most public spirited and valuable citizens of Florida, Herman A. Dann, president of Florida State Chamber of Commerce, who invited me into some discussion of Florida's needs. I wrote as follows:

"'To my mind what Florida most needs is to follow the example of California in united organization for branding, shipping and marketing.

"Profit is the basis of all prosperity, and Florida produc-tions are not on the profitable lines they should be.

"I do not think it is profitable to speculate as to what Florida's population is to be five years from now, nor do I think it useful to plan for any "five-year population objective."

"Your agricultural interests should combine and hire an active agent to make a study of the agriculture of the state and the possibilities in united marketing; also to find out

why Cuba can produce better potatoes than Florida.

"But essentially the first thing should be to fill the home market and the table of the visitor to Florida with the foods that Florida is capable of producing in the line of fresh

fruits, vegetables and dairy products.

"The Guernsey cow is the cheapest producer of butter fat, gives the best milk, the best cream and the best butter. and I believe Florida is well adapted to dairying with the Guernsey cow.

'I say this with some knowledge, as I believe I am the largest importer from the Island of Guernsey and I am supposed to know something about all breeds of cattle and their possibilities.

'I don't know that the Ayrshire cow is adapted to your climate. It is usually found in Canada and northern climates. but it produces the best milk for infants, with 41/2 per cent butter fat. The Guernsey milk is slightly richer, and is on the whole the best family milk, with 5 per cent butter fat content.

"The Holstein cow, with less than 31/2 per cent butter fat, is the milkman's cow, not the family cow.

I think you should have a strong agricultural commission to study the grasses and dairy feed that can be best raised in Florida. But above all you should endeavor to raise the

highest quality of fruits and vegetables, for you are bidding for wealth and capital from the North.

"'Florida's great need is the development of her agricul-tural resources. One cannot buy in Florida today the quality in fresh vegetables or dairy products that should be had in

this state.
"'I believe Florida should raise more flowers as well as more fruits.
"'I believe Florida has paid too much attention to land

speculation and too little to agricultural development.

"I believe also that the underground resources of Florida outside of phosphates have never been properly investigated. "'Furthermore, I believe one of the best developments for the future of Florida may be found in political lines. Florida should lead the way in breaking the solid South as a unit in

our political history.
"I believe the electoral vote of Florida in the re-election of

Calvin Coolidge would strike a note in the political field that would find its response in the financial field of the North.

"'The Democratic party should always be a party of the opposition, but it should not have forever the solid South in its political waistcoat pocket."

#### "Let the Bill of Lading Always Accompany the Invoice."

Georgia, Florida & Alabama Railway Co., Traffic Department.

Tampa, Fla., April 11.

Editor Manufacturers Record:

In looking over some back numbers of your most valuable publication a few days ago I accidently came across an article carried in your issue of January 29, 1925, entitled "What Becomes of the Bill of Lading?" contributed by E. G. Kirtley, traffic manager, Montgomery & Crawford, Spartanburg, S. C. The fact that Mr. Kirtley is a personal friend of mine at first attracted me to this article, but I was very much impressed with the forcible manner in which he presents his argument. The fact that the consignee is entitled to the bill of lading when shipment is made, and his unquestionable right to this document, is very clearly expressed, and is a point so often ignored or overlooked entirely by shippers.

From a traffic viewpoint I have often thought of the careless manner in which this bill of lading proposition is handled by shippers and why they persist in withholding this document from a consignee. A review of the many inconveniences experienced by both consignees and carriers, due to fallure on part of shippers to mail this bill of lading with invoice at time of shipment, I believe will eventually impress the shippers with the importance of this procedure; hence this letter. Let us hope Mr. Kirtley's suggestion will be universally adopted.

Problems of rate adjustment, routing, correct point of origin are constantly coming up in every line of railroad and traffic work; these could quickly be cleared if the consignee could always furnish the bill of lading. Let me ask, How is the agent or railroad representative to know for a certainty the route shipment moved without the bill of lading? How can he intelligently trace a delayed shipment without this information? How is he able to check or apply the correct through rate applicable on shipments, which so often become separated from the waybill, commonly known as "Astray Freight," without this document?' Until the shipper wakes up to the fact that retaining the bill of lading in his files is the source of a great many of the traffic evils, besides annoyance to both customer and carriers, and gives the matter proper consideration, we cannot hope for any improvement. "Let the bill of lading always accompany the invoice"that's the solution.

E. J. Dozter. Commercial Agent.

#### \$1,500,000 Co-Operative Apartment for Atlanta.

Atlanta, Ga.-Plans are being prepared by Hentz, Reid & Adler of this city for a co-operative apartment building to be erected on Pace's Ferry road by interests identified with the Columbia Trust & Realty Co., Atlanta. A tract of 146 acres of land has been secured for the building, which will be known as the Atlanta Savoy, other features of the project to include a swimming pool, tennis courts, putting greens, children's playground, stables, kennels, garages, servants' quarters and a gymnasium to be housed in the building itself. The structure will be equipped with an oil-burning heating plant, refrigerating plant and other facilities. The enterprise will represent an investment of \$1,500,000.

#### \$50,000,000 FOR RIVERS AND HARBORS. Approximately \$25,000,000 for Southern Work— More Than \$9,000,000 for Ohio River and \$5,263,000 for the Mississippi.

Twenty years ago the National Rivers and Harbors Congress began asking \$50,000,000 a year for waterways. And it is interesting to note that this was the amount contained in the War Department Appropriation Bill approved April 15. Dwight F. Davis, Secretary of War, in approving allotments made by the Chief of Engineers for 1926-27, announces that estimates are to be made on this basis for the ensuing five years and that, if the present program of the Department is followed, it will result in the completion, within that period, of the major projects of the Mississippi River system. Major items in the appropriation for Southern work include one of \$9,000,000 for lock and dam construction in the Ohio River, much of this work being in Kentucky, while \$5,263,000 has been allotted for work in the Mississippi River, largely in the South. Appropriations for Texas reach a total of nearly \$3,000,000, exclusive of allotments for the intracoastal waterway in Louisiana and Texas, and for Florida total appropriations approximate \$1,500,000. Southern allotments are listed below:

are listed below:

Delaware and Maryland—Inland Waterway, Delaware River to Chesapeake Bay, \$275,000.

Maryland—Baltimore Harbor and channels, \$300,000.

District of Columbia—Potomac River at Washington, \$26,000.

Virginia—Waterway on coast, \$10,000; Occoquan Creek, \$2000: Rappahannock River, \$15,000; Mattaponi River, \$1000: Pamunkey River, \$1000; Norfolk Harbor, \$290,000: James River, \$50,000; Apporatox River, \$5000: Pagan River, \$2000; Nansemond River, \$2000; Onancock River, \$37,700.

Virginia and North Carolina—Inland Waterway, Norfolk to Beaufort Inlet, \$420,000.

North Carolina—Pamilco and Tar rivers, \$10,200; Neuse River, \$10,200; Swift Creek, \$800; Contentnea Creek, \$1200; Trent River, \$800; Beaufort Harbor, \$17,500; Waterway, Core Sound to Beaufort Harbor, \$4000; Cape Fear River, at and below Wilmington, \$175,000; above Wilmington, \$6000; Northeast (Cape Fear) River, \$2000: Black River, \$1600; Santee River, Estherville-Minim Creek Canal, \$3000.

Scott, Beard River, 1875.000; waterway. Core Fear) River, \$2000; ahove Wilmington, \$175.000; ahove Wilmington, \$175.000; ahove Wilmington, \$2000; South Cape Fear) River, \$2000; Slack River, \$1600; Santee River, Estherville-Minim Creek Canal. \$3000.

South Carolina—Waterway, Charleston to Winyah Bay, \$5000. Georgia—Savannah Harbor, \$550.000; Savannah River below Augusta, \$13.000; Altamaha River, \$7000; Ocmulgee River, \$12.000; Brunswick Harbor, \$83.500; Flint River, \$40.000. Georgia and Alabama—Chattahoochee River, \$60,000. South Carolina, Georgia and Florida—Waterway, Beaufort to St. Johns River, \$50,000.

Florida—Fernandina Harbor, \$20.000; St. Johns River (Jackson-ville to the ocean), \$450,000; Palatka to Lake Harney, \$8000; Indian River, \$25,000; Minmi Harbor, \$000.000; Caloosahatchee River, \$15,000; Charlotte Harbor, \$80,000; Clearwater Harbor-Boca Clega-Tampa Bay Channel, \$15,000; Tampa Harbor, \$90,000; Carrabelle Bar and Harbor, \$2000; Apalachicola Bay, \$18,000; Upper Chipola River, Marianna to mouth, \$4000; Channel, Apalachicola Bay to St. Andrews Bay, \$35,000; Narrows of Santa Rosa Sound, \$1500; Black Water River, \$1000; Pensacola Harbor, \$60,000. Florida and Alabama—Choctawhatchee River, \$12,000. Black Water River, \$1000; Pensacola Harbor, \$60,000; \$12,000. Florida and Alabama—Choctawhatchee River, \$12,000. Harbor, Warrior and Tombigbee rivers, \$12,000; Bayou Labare, \$20,000; Tombigbee River, mouth to Demopolis, \$20,000; removing water hyacinths, Mobile River and tributaries, \$5000. Mississippl—Pascagoula River, \$3000; Pascagoula Harbor, \$8250; Gulfport Harbor and Ship Island Pass, \$61,000; East Pearl River, \$7000; Tombigbee River, Moon, Sississippl River, \$3000. Bayou Teche, \$40,000; Johnsons Bayou, \$6000. Louislana—Southwest Pass, Mississippl River, \$7000; Bayou Teche, \$40,000; Galveston Channel, \$25,000; Galveston Bay Section, \$80,000; Peroval of water hyacinths, \$30,000. Galveston Bay Section, \$80,000; Peroval of water hyacinths, \$30,000; Rayou Section, \$80,000; Peroval of water specific River, \$10

### Soviet Government Seeking American Recognition Through the Dollar Road.

SOVIETISM AND BOLSHEVISM THE WORLD'S GREATEST MENACE—BUILDING UP TRADE THROUGH LONG-TIME AMERICAN CREDITS.

By GEORGE GARNER.

Outstanding among the most important features of the recent Foreign Trade convention at Charleston, S. C., were the two following disclosures:

- 1. Russia is working aggressively to develop American trade and credits to a point which she hopes will virtually compel recognition of the Soviet Government by the Government of the United States.
- 2. American industry and business are extending generous credits to Russia in indicated confidence that such recognition will, in reasonable time, be granted, almost through economic compulsion.

The first of these disclosures was made to me in conversion with J. P. Nikonow of the technical department of Amtorg Trading Corporation of New York City, trade agency of the Soviet Government, and in a statement he gave me with a copy of the Commercial Handbook of the Union of Soviet Socialist Republics. The second disclosure was indicated in an assertion by Mr. Nikonow that great American concerns are granting Russia credits running up to three and a half and to even five years.

On the other hand, I gathered that American business will not actively endeavor to press the American Government to recognize the Soviet, but will wait passively till the credits to Russia and the business with Russia attain such proportions that the American Government will find it practically necessary to take Soviet Russia to its bosom through official recognition, and thus inferentially accept and endorse the principles, policies and procedures of the Union of Soviet Socialist Republics.

"We want recognition by the United States in order to facilitate American credits," said Mr. Nikonow.

Conversely, Russia is getting American credits in order to facilitate American recognition—although Mr. Nikonow did not go that far in his statement.

Although unobtrusive almost to the point of secretiveness, the Russians at the convention were very, very busy. "We have made many valuable contacts and interested a large amount of business," Mr. Nikonow told me. Also, they left Charleston for a visit to Southern textile plants in the vicinity of Columbia, and Greenville and Spartanburg.

Representing the Amtorg Trading Corporation were Mr. Nikonow and George V. Tourbin, vice-president, the pair occupying a room at the Francis Marion Hotel with a representative of the Russian Information Bureau, which has headquarters in Washington.

First explaining to me that the Amtorg Trading Corporation is a Russian buying and selling agency, representing the Soviet Government and "about 700 private concerns," Mr. Nikonow gave me a statement, which continued:

"The Amtorg Trading Corporation of New York, established in May, 1924, has grown to be one of the largest agencies of trade between the Union of Soviet Socialist Republics and the United States of America. Its turnover within the past year has exceeded \$50,000,000. Among the items exported by the Amtorg Trading Corporation from the United States to the Union of Soviet Socialist Republics the following should be mentioned: Fordson tractors; agricultural machinery; automobiles and trucks; cotton and ginning machinery; bottle manufacturing machinery and equipment; machine tools; foundry, chemical, packing, road-building machinery, dredges

and cranes, etc.; compressors; typewriters, sewing and kniting machines.

"To develop the trade between the Union of Soviet Socialist Republics and America, the Amtorg Trading Corporation is carrying on actively imports of Russian produce into the United States, thereby creating funds for Russian trusts and syndicates for purchases of American merchandise. Import items of the Amtorg Trading Corporation into the United States consist of: Hides, furs, flax and other fibers, bristles, plywood, seeds, medicinal herbs and various other commodities

ties.

"It is but natural that agricultural countries, such as Russia, exporting chiefly raw materials, the production of which requires considerable outlay of capital for costly equipment and labor, require long-term credits when buying machinery abroad. The equipment needed by Russia for her industries can be repaid by those industries only in the course of several years.

industries can be repaid by those industries only in the coarse of several years, \* \* \*

"We are greatly pleased to mention that the American manufacturers—at least, a number of some of the most important firms—begin to realize the above facts, so that during last year, for instance, we were able for the first time to successfully compete with European manufacturers. We most earnestly hope that such satisfactory business relations will grow to a much greater extent and will include many more American manufacturers, who will co-operate with us in developing Russian trade in this country."

No more insidious and convincing propaganda for recognition could well have been devised. The bait of great, profitable trade with Russia is dangled before the eyes of American business, and business is nibbling at it with such eagerness that in time Uncle Sam may swallow it and the hook to which it is attached.

"We already are doing a great business with the Ford Company, General Motors, the United States Steel Corporation and other great American industries," said Mr. Nikonow, "and we now find no trouble in getting ample credits."

Thus, the business and the coincident credits will pile up, until the American Government will feel moved to recognize the Soviet for the protection of American interests, and the birthright of American national honor will be swapped for a mess of trade pottage. Great American business interests already are smoothing the way for such recognition, and at least passively approve the prospect, for the protection of their ventures.

According to Mr. Nikonow, "the Amtorg," as he calls his company, represents the Soviet Government and "about 700 private concerns." According to the Commercial Handbook of the Union of Soviet Socialist Republics, the Soviet Government is directly, financially interested in a large number of these concerns—an interest, in each, running "generally for 50 per cent." Says the Handbook:

"Foreign trade is a Government monopoly, controlled through the Commissariat for Trade and Commerce. Trade is conducted by agencies of the Commissariat. \* \* \* (and) by a few mixed companies, operating under license, in which the Government holds a participating interest (generally 50 per cent), and by a few foreign firms operating under special agreements. The mixed companies and the foreign firms usually have a special limited scope."

As to private interests, it explains:

"Private interests are free to enter the industrial field. Any citizen may start without formality a private enterprise employing not over 20 workers and clerks. Private enterprises employing over 20 persons and not over 100 persons may be opened with the permission of the local authorities.

For larger enterprises a special leasing or concession agreement is necessary."

In 1923-24 Russian imports were chiefly from, first, the United States, 97,000,000 gold rubles in values; second, Great Britain, 95,000,000 gold rubles, and, third, Germany, 87,000,000 gold rubles. In 1924-25 the figures were: United States, 188,252,000 gold rubles, an increase of about 94 per cent; Great Britain, 107,806,000 gold rubles, an increase of about 13 per cent, and Germany, 101,602,000 gold rubles, an increase of about 16 per cent. The total Russian imports for 1924-25 were 633,311,000 rubles, as against 388,100,000 for 1923-24, an increase of about 66 per cent, which indicates further the tremendous proportionate growth of import trade from the United States—due, no doubt, largely to liberal American credits.

On the Russian export side, in 1923-24, the United States was one of Russia's smallest customers, standing tenth in the list, with imports from Russia running to 8,500,000 gold rubles. In 1924-25, the United States was the fifth customer, with an increase to 21,169,000 gold rubles, or about 150 per cent, and running behind only Great Britain, 185,442,000; Germany, 87,005,000; Latvia, 62,744, and France, 22,132,000.

Whether these American import figures will be pleasing to American industry—despite the fact that they give Russia money with which to liquidate its credits—is a question, in view of the following significant statement from Mr. Nikonow:

"The Soviet Union is in the market for industrial equipment and machinery to rebuild her plants for the manufacture of her raw materials and to develop her natural resources."

Russia, Mr. Nikonow explains, already is finding its feet in agricultural lines; also, it is striving to build up its manufacturing industries to the exportation point and to consequent intense rivalry with those American industries which are selling it goods on ample credits. America is placing a mighty industrial weapon in Soviet hands, regardless of the inevitable consequence to American industry or America's Governmental future.

The figures for Russian crops, Mr. Nikonow gives as follows, in millions of bushels:

Rye	1922 1924 786 663	1925 774
Wheat	326 334 570 483	633
Oats Barley	570 483 186 153	287
Buckwheat	64 53	62
Millet	168 71 108 69	140 178
Corn	100 00	110
Totals	2,208 1,826	2,732

"Russia also is investing this year about \$350,000,000 for the rebuilding of her factories," said Mr. Nikonow.

Making a composite aggregate of Russia's agricultural and manufacturing progress, the American agriculturist and industrialist may vision a mighty competitor in the not distent future.

But far and above this material consideration is the question of American honor. Will American industry sacrifice that honor for the sake of a few paltry dollars?

#### Erecting \$250,000 Apartment at Stuart.

Stuart, Fla.—Construction has been started on a \$250,000 apartment building to be erected here for Warren France of Philadelphia, who has awarded a building contract to H. A. Pearson of this city. The structure will be erected in four units, two of which will be three stories, 100 by 60 feet, while the other two will be two stories, 60 by 70 feet. A feature of the smaller structures, which will face the river, will be 12 boat slips. On the ground floor of these buildings space will be provided for 12 garages. The two larger buildings will contain approximately 18 apartments each and the two smaller ones five each.

### Financing the Peach Crop of Georgia by an Agricultural Credit Corporation.

Macon, Ga., May 8—[Special.]—Last year a group of Macon business men, realizing the necessity for financing the peach growers and other farmers of that section, organized the Middle Georgia Agricultural Credit Corporation in the hope that the peach industry of the state might be placed more firmly upon its feet. The 1924 peach season had proved disastrous. Owing to the rapid ripening of the fruit and consequent flooding of the larger markets of the country, peach growers in the Fort Valley and other peach producing sections were forced to sell their crop at cost, or even less than cost, with the result that many of them were facing ruin.

Finally, it was decided to organize an agricultural credit corporation and lend money through this to peach growers, so that they might not be compelled to assign their crops to the merchant or the commission merchant in advance.

At that time it was not known that the intermediate credit bank could lend money on peaches, and a committee went to Washington and placed the matter before the Federal Farm Loan Board. After months of waiting permission to organize the corporation was obtained. A charter was secured, an initial fund of \$50,000 was raised and the new Middle Georgia Farm Loan Bank opened its doors.

During the past year loans amounting to \$73.000 have been made to farmers and peach growers of the Macon section, and it is significant that all loans made have been paid in full, it is said.

The original capitalization of \$50,000, which, under the rules governing loans of intermediate credit banks, gave the bank a borrowing power of \$500,000, has been increased to \$100,000, and it is expected that more than \$1,000,000 will be loaned to growers during the coming year.

Largely as a result of the steadying influence of the bank upon the industry, Georgia peach growers, during 1925, marketed their crop for approximately \$10.000,000. The bank has played an important part in rehabilitating the industry, enabling growers to retain control of the produce and aiding them in expanding and improving their marketing system.

#### Contract for Walter Reed Hospital Excavation.

Washington, D. C.—A contract for general excavation of the site for new construction at the Walter Reed Hospital, and for changes in water, light and sewerage systems made necessary by the construction, has been awarded to George Wyne of this city by the Quartermaster General's department. This contract is for \$105,000, to be paid by funds from the War Department, while the proposed new buildings will be paid for out of funds of the Veterans' Bureau.

As previously outlined in the Manufacturers Record, new construction will include a mess and kitchen addition to the main hospital building, three ward buildings with connecting corridors and a building for the American Red Cross. Accommodations will be provided for approximately 300 additional beds, the entire cost of the improvements to be about \$1,200,-000.

#### Big Florida Colonization Project.

Crestview, Fla.—A large deal in Florida acreage for colonization purposes has been completed by George F. Armstrong, Inc., of St. Petersburg, Fla., owner of the Oakcrest Farms and Groves here, and Bunte Brothers and associates of Chicago. The property, containing nearly 40,000 acres, will be divided into small dairy farms, orchards and groves by the Chicago interests. Both parties in the transaction were represented by Arthur E. Lamkey of Chicago.

# Can and Will Business Come to the Aid of Agriculture?

Texas Safe Farming Association.

Dallas, Texas, April 22.

Editor Manufacturers Record:

The Texas Safe Farming Association, a business man's organization, has been organized in Texas and has for its slogan "Better Cotton on Fewer Acres and More Feed on More Acres." It has a board of governors of 100 prominent business men, farmers and bankers, living in all portions of the agricultural section of Texas, and under the direct supervision of an executive committee of six members, including the president, J. A. Kemp of Wichita Falls. Its executive committee is composed of Nathan Adams, president of the American Exchange National Bank of Dallas; R. E. Harding, vice-president, Fort Worth National Bank; T. J. Caldwell, vice-president, Union National Bank, Houston; Francis H. Welch, president of the Texas Bankers Association of Taylor, and Ed Woodall of Woodall & Pendleton, Dallas. Its activity is under the direct supervision of Clarence Ousley, formerly Assistant Secretary of the United States Department of Agriculture; former director of the extension department, Texas Agricultural and Mechanical College, and more recently in charge of the National Boll Weevil Control Association at New Orleans.

Those who inspired its organization realize the urgent need for a new agricultural order for the South. They also realize that the present agricultural distress must soon be reflected in industry of all kinds. They further realize that agriculture cannot cure its own ills in the South alone and unaided. It is an unpleasant truth to record, but tenantry has become so predominant that the class of farmers that must be reached, if a balanced system of agriculture is to be established, must be reached not only by the closest contact on the part of the business community and the aiding of the farmer in every intelligent way, but also by our sympathy.

It is not sufficient merely to outline business principles through which the agricultural South may find an economic balance, but the effort must be carried to the farmer through the local banker, the credit merchant and all other available avenues. The Texas Safe Farming Association is using these facilities in every way possible, as well as in co-operation with the extension department of the Agricultural and Mechanical College, county demonstration agents, existing farm organizations and local business men's organizations of every kind through which it can work. Finally, we hope to reach the farmer himself through pointing the way.

We are organizing for a five-year program and expect to collect from Texas business interests \$50,000 annually to carry on the work. We believe, if we can raise and intelligently expend this sum annually for five years, that in co-operation with all other similar activities we will witness a revitalized South, free from cotton slavery and therefore a more prosperous and self-contained section. The truth is, if the South will raise its food and feed and in doing so conserve and rebuild its already depleted soils, we should be the most prosperous people on the face of the earth.

I read with much interest in a recent issue of the Manufacturers Record the things Ex-Governor Lowden said as to the present agricultural distress in all the nation. His deductions are so serious that the business interest of the whole nation may well concern itself in the farmer's problems; for, as I remember, he said, "It will take 15 to 20 years for the pitiless application of economic law to find a cure, and at the end of that period only the mentally unfit will be left on the farms. When attrition has worked a cure we will have,

instead of arbitrarily low prices for the products of agriculture, arbitrarily high prices."

Surely, American business can ill afford this solution. The American farmer has heretofore been loyal to American ideals and institutions. He has refused the extreme tendencies in the direction of bolshevism, and many have regarded him not only as a dependable factor in our economic machine, but even more so in our political institutions. It is doubtful that he will continue so in economic distress, for already he is leaning toward radicalism, and many states are already witnessing this, as reflected in the character of the state governments. Many business men complain of radical tendencies, but these will not cease until an economic balance is restored between agriculture and industry.

In a measure, the Texas Safe Farming Association is pioneering in the idea of business co-operation with agriculture in seeking a cure for its ills and, regrettable as it is, agriculture cannot now find a cure unaided and alone.

Co-operative marketing is good, but it is too slow of general application to meet the present emergency; besides, our agriculture is so diffused and widely scattered it will be most difficult of attainment to the extent necessary. Unless business can recognize the seriousness of the plight of the farmer, and if it is to pursue a "hand's off" policy and let economic law work its cure, the nation, through its Department of Agriculture and 5000 field agents endeavoring to encourage the farmer to more economic production, which process will usually be attended by an increasing surplus which will only aggravate his ills further, it should therefore cease its activities and hasten an economic solution.

It has been estimated that the whole South imported more than \$1,000,000,000 worth of food and feed during the past year, and that Texas imported as much as \$240,000,000. It would have been much sounder business to have raised this and have raised all the cotton we could on the remaining acres.

So long as 12,000,000 or 13,000,000 bales of cotton will sell at a profit above the cost of production, it would seem foolish to raise 16,000,000 bales at a loss.

We need the co-operation of the Manufacturers Record, for our problem of educating the business man as to the necessity of a lively interest in agriculture is almost as great as impressing the farmer himself to a safe and balanced agriculture.

Business is as vitally interested in the farmer's problem as is he himself, for the very simple reason we will not be able to continue in prosperity without the farmer's buying power, and business cannot invest too much in co-operation or in financial aid to bring this good end.

Can business be sufficiently aroused to aid the farmer in avoiding what many believe to be an impending calamity of a decadent agriculture?

ED WOODALL,

Member of Executive Committee, Texas Safe Farming Association.

[The Manufacturers Record believes that the business interests of the country, manufacturers, bankers and merchants as well, should come to the aid of agriculture to the utmost extent possible, for upon agricultural prosperity will

depend the prosperity of all other interests.

The farmers are not financially able to do all the work that is necessary to be done in order to re-establish agriculture on a safe and permanently prosperous basis, but the business interests can join in this work and help to make a success of it.—Editor Manufacturers Record.]

### SOME REASONS FOR PROGRESS OF THE SOUTH.

### Greatest Potential Asset of the South Is Its Citizens.

Birmingham, Ala., May 10.—Russell Hunt, secretary-treasurer and Southern sales manager of the Sloss-Sheffield Steel & Iron Co., in an address at the ninth annual convention of the Southern Metal Trades Association in Macon, Ga., the past week, told of the moving South of a large number of people of the North, of the favorable impression received and the absorbing interest manifested after a short time of residence in the South. Said Mr. Hunt:

"It would be easily possible for me to give you voluminous statistics evidencing the fact that the New South is putting on a brand-new pair of seven-league industrial boots; we see this on every hand—the growth in recent years of the textile industry in the cotton states is looked upon with wonder by manufacturers of New England; almost every enterprise known to modern industry is represented—we have iron and steel mills, pipe foundries, chemical plants, furniture factories, stove plants, glass factories; we are mining coal, iron ore, copper, phosphate rock, bauxite and many other minerals. Our hydro-electric power development—completed and projected—is regarded as perhaps the greatest in the world.

"While our industrial progress has been wonderful, we must not overlook the strides being made agriculturally. Our farmers are beginning to get away from the 'one-crop' idea by diversifying. Our states are maintaining elaborate experimental stations and teaching modern farming methods in many of the schools. Our fertile soil is easily adapted to this program.

"We should not forget that natural resources, however valuable, will not alone guarantee a permanent and prosperous country, for, after all, we must admit that our greatest potential assets are our citizens. When we see what New England has done, with hardly more than bare rocks for a base, it does not require much imagination to realize that the South is greatly blessed, capable of attaining any heights. The World War obliterated the last vestige of prejudices of the days following '61 and '65-until now one must travel far and wide to find an intelligent business man who would openly speak disparagingly of the South or North as a section, or of any of its people. The fact is, the average Northerner or Middle Westerner simply adores the Southern people, and, what is more, a constant stream of them is coming here to make their homes. I have endeavored to learn why these so-called 'cold' business men are so favorably impressed, and I believe it is mainly because our people receive them and their families in such a friendly manner. It is perfectly natural that we should welcome them to our homes, our churches, our clubs and take so much genuine interest in their personal comfort that it is little wonder that they are quite often swept off their feet. There are hundreds of business men in my home town hailing from states above the Mason and Dixon line, many of whom I know intimately, and I cannot recall a single one who, on account of circumstances, having to leave, did not do so reluctantly, hoping to

"This is true of all of our towns. In fact, I don't believe we could drive many of them away if we should so desire—and we enjoy them, too. A few years ago a large company, with headquarters in Boston, sent a young man down to Birmingham as its resident manager. I met him shortly after his arrival; about one year later I ran across him and inquired: 'Well, Jones, how do you like the South?' and he quickly answered, 'Pretty well, I guess; I have married an Alabama girl and learned to eat turnip greens.' My observation is that these friends from the North lose no time in

joining in and taking an active part in affairs of the community in which they locate. Who has not seen their Rotary Club take on pep and new life after one of these Northerners has been admitted to membership?

"The South at this moment is undoubtedly in the most favorable position imaginable to attract new people, new capital, new industries, new farmers. The eyes of the whole country are upon us. Where else can one find a climate permitting operations every day in the year? What other region can offer such genuine hospitality and co-operation? These advantages, and many more, coupled with the most loyal labor in the whole world, permit us to predict that the South will become the most prosperous section our country has ever known.

"We are making real progress in every direction, but there are many things yet to be accomplished in order to properly maintain the new industrial development to come. Until we diversify our farming more; until dairying becomes a major industry; until more grains are planted, more hay; until we are able to 'live at home and board at the same place'—until then only can we say really and truly, 'The South is Awake.'"

#### Practical Promotion for Mississippi.

Determined steps to stimulate industry of every kind in Mississippi through co-operation of all elements of the citizenry were instituted by the executive committee of the Mississippi State Board of Development at a meeting at Jackson April 24. Participating were President L. O. Crosby, H. S. Weston, O. B. Taylor, J. B. Bishop and General Manager L. J. Folse.

The first resolution adopted called for diligent work "to unite the people in one great effort to help one another for the accomplishments of each," so that all "may share from the fruits of their labors and investments." Industrial surveys are advocated "to ascertain what industry would be the most profitable and of the greatest help to the agricultural interests, the laborer and the investor," and gubernatorial candidates are requested to withhold their platforms until suggestions can be presented for appeal to the people along constructive lines. Completion this summer of the research work which was undertaken last summer also is advocated.

Under another resolution the president of the board is to confer with the Governor in regard to the appointment of a commission to raise and spend money for advertising Mississippi "and in advancing the moral, financial, industrial, agricultural and other interests of the state as a whole."

The support of each chamber of commerce in the state is to be enlisted in the movement.

#### To Study New Economic Conditions.

Appraisal of the significance of the changing economic relations of a wholly new industrial era upon which the United States has entered since the war will be the keynote topic at the tenth annual meeting of the National Industrial Conference Board, Thursday, May 20, in New York city. Leading executives from every section of the country, representing manufacturing, mining and transportation industries and the financial world, will be present to take stock of the state of industry in the light of the 10 years of scientific investigation of industrial economic problems conducted by the board.

Problems of less wasteful distribution, expanding consumption and of wholly changed financial relations with the rest of the world will be studied, and "the tendency toward direct selling, chain-store development, the rapid extension of installment selling, as phases of increasing consumption power rather than as merely new forms of competition, and the increasing diffusion of stock ownership among employes as well as customers, profit sharing and the adjustment of wages to prices" will be considered.

### Mississippi As It Is in 1926.

By L. J. Folse, General Manager, Mississippi State Board of Development.

[Here is a story of Mississippi progress in education, in road building, in industry, in dairying and other things, to stir the pulse and make the heart of every lover of that state throb with pride. What other state anywhere can surpass it?—Editor Manufacturers Record.]

Some time ago L. R. Cleveland, in a long-winded article in the Baltimore Evening Sun, very completely misstated conditions in Mississippi.

We are not angry with Mr. Cleveland—we are heartily sorry for him and for the paper that printed his effusion. We feel all of this is due to the fallibility of human nature. The following brief review of Mississippi, which the facts warrant, we hope will demonstrate in part that Mississippians are a charitable, God-fearing, patriotic and progressive people.

On December 20, 1817, Mississippi became the twentieth state of the Union. Nature endowed Mississippi with many advantages. Up to twenty years ago the state was backward in economic development. Since that time, as a result of scientific agricultural development and general industrial expansion, Mississippi has made great progress.

Between 1880 and 1920 the population of Mississippi increased 60 per cent, but in the same period its per capita wealth increased 298 per cent, the assessed valuation of all property in the state increased 551 per cent, bank deposits increased 6379 per cent, the value of manufactured products increased 2275 per cent and the amount invested annually for public schools increased 1030 per cent.

No state in the Union has given greater attention in recent years to education than Mississippi. In 1900 Mississippi invested in public education \$1,385,000; in 1910, \$2,726,000; in 1922, \$9,390,000.

The per capita expenditure for schools for every child five to seven years of age increased from \$2.34 in 1900 to \$15.84 in 1922.

Today Mississippi has 1000 strong, central, consolidated or rural high schools which have taken the place of more than 3000 small, one and two teacher schools. Three hundred and thirty of these schools have a 10-acre plot of land which belongs to the school, on which a home has been built for the teachers and furnished them rent free. Thus the teacher and his family become a part of the life of the community for twelve months in the year.

Fifty-one of our counties have built magnificent agricultural high schools, with boarding accommodations varying for from 50 to 250 students. The cost for board and incidental expenses is about \$10 per month.

In 1910 we had only two consolidated schools, with an enrollment of 205 students and property worth \$8000; in 1925 we had nearly 1000 consolidated high schools, with property valued at \$10,747,000 and 144,498 children enrolled. The growth in this field of education in Mississippi is not surpassed anywhere.

Approximately \$300,000 is being spent annually on the building of good rural schools, with industrial departments for the negro girls and boys of the state. The plan of education worked out for the colored population of Coahoma county is said by experts to be the best of its kind in the world. Not content with this high achievement in educational work, a complete survey of the entire educational system of the state was completed by a commission of competent educators from various sections of the country.

According to the recent survey, in proportion to our population, there are more high-school graduates in Mississippi entering college every year than in any other state. We have six colleges on the "A" list, with several others nearly up to standard, not to mention the junior colleges located at convenient places in the state. We spend annually for the maintenance of our public schools approximately \$14,000,000. The illiteracy for native white was only 3.6 per cent. For the negro population it was 29.3 per cent, and for the whole population from 16 to 20 years of age, 12 per cent.

The mortgage debt on Mississippi farms in 1920 was \$30,046,000, or 30.3 per cent of the value covered, against 31.7 per cent in 1910. The average interest paid in 1920 was 6.5 per cent. The average value of a farm in 1920 was \$4539, while the average debt per farm was \$1375.

The birth rate of Mississippi was 24 per thousand of population for 1923, or, respectively, 24.5 for the white population and 23.5 for the colored. For the United States the birth rate in 1923 was 22.4 per thousand of total population.

The average number of children born to a mother in the United States in 1923 was 3.3; for the mothers of Mississippi the average was 3.7.

The illegitimate birth rate for the entire registration area was 1.4 per cent for the white population; it was only 0.3 per cent for the white population of Mississippi.

The proportion of white to the total population in 1910 was 44 per cent; it was 48 in 1920.

In health achievement Mississippi has an enviable record. Its death rate for whites is lower than that of any other Southern state, and, as will be noted from the foregoing statements, its record is not surpassed in other important departments.

Mississippi is particularly proud in its achievement of malaria eradication and control. It has reduced malaria infection by 55 per cent, and according to the Federal Department of Health it is the only Southern state qualified to speak authoritatively with respect to the condition of malaria. In five years it has reduced malaria infection by 55 per cent for the state as a whole; it has eliminated it entirely in certain counties, and its present program contemplates the total eradication of this disease in the state.

Mississippi is rapidly establishing in each county an "All Time Health Unit." It has, or will have by January, 1927, twenty counties with this service. No greater contribution can be made to the welfare of the people of the rural districts than by extending this phase of our health work.

The land area of Mississippi is 46,362 square miles; the population per square mile in 1920 was 38.6, the total population for the state for that year being 1,790,618. The rural population for 1920 was 1,589,497, or 86.6 per cent, of the total population.

From 1910 to 1920 the value of farm property, etc., increased as follows: Value of all farm property, 126.3 per cent; value of all farm buildings, 84.7 per cent; value of all farm implements, 135.9 per cent; value of all livestock, 79.4 per cent; value of all farm crops, 139.2 per cent.

Mississippi is third in strawberry production per acre. Mississippi sold 9344 pounds of butterfat in 1909 and 1,864,594 pounds in 1919, the greatest increase of any state. Mississippi leads the entire Mississippi Valley with 34 per cent increase in corn production for the same period. From 1910 to 1920 Mississippi led all the states with a 96 per cent increase in hay production for that period.

The first carload of butter shipped from the South was sent from Mississippi. Mississippi has made greater progress in dairying than any other state in the Union. On March 10 the Borden Condensed Milk Company opened its \$750,000 condensery at Starkville, Miss. This is the only plant of its kind in the South, and is, in fact, a great recognition of the present and future possibilities of this industry in Mississippi.

Mississippi's creamery output in 1923 (Government report) was greater than the combined output of Virginia, North Carolina, South Carolina, Georgia, Alabama, Florida and Louisiana. This was made possible by the unsurpassed pasture values, of which the Government station at McNeill, Miss., says in a bulletin: "It can no longer be doubted that pastures in Mississippi can be established which will equal or excel in carrying capacity any pastures in the United States, and this at a very low cost of establishment." After reciting specific performances, it goes on to say: "Pastures of such high-carrying capacity over such long periods are not known elsewhere in the United States."

The Mississippi Power Company, operating in northeast and in south Mississippi; the Mississippi Power & Light Co., operating in central and northwest Mississippi, are now serving practically every town and city in the state, and the investment of these two companies will reach \$50,000,000 in a short time.

The state highway system in Mississippi comprises over 4800 miles; over 2500 miles of this is practically completed. While most of our roads are of gravel construction, we have many hundreds of miles of paved and brick highways. Paved highway is being built along the entire coast line of Mississippi, extending from the Alabama to the Louisiana line, one-half of which is completed. We have spent in 1926 for bridges alone over \$6,000,000, and we look for Federal approval for the construction of a bridge over the Mississippi River at Natchez and Vicksburg.

The finest private residence I believe to be found in the entire South is being built by Hugh L. White at Columbia, Miss., and it will cost over \$300,000.

In the ninety or more cities and towns of over 1000 population in Mississippi I do not believe there is to be found in any state a higher expression of culture than is there demonstrated in the private homes, churches and public buildings.

Thousands of investors, unlike misinformed people like Mr. Cleveland, have discovered that Mississippi offers unsurpassed opportunities, and the development on our Gulf coast alone within the past two years has increased the taxable wealth of that section over \$60,000,000, and the coast line of Mississippi is without doubt unsurpassed in natural beauty.

Due to the fine work of the Mississippi Legislature of 1924 and 1926, we feel that the public policy of the state is as favorable to the investor as that of any other state. We shall gladly give information as to specific laws or answer inquiries regarding the public policy of the state.

This board cordially invites the editor of the Baltimore Evening Sun to come to Mississippi as its guest, and we are sure he will find on every hand overwhelming evidence of the fact that he unwittingly published a completely untruthful statement about Mississippi.

However.

"Ah, we judge each other harshly,
Knowing not life's hidden force.
Knowing not the fount of action
Is less turbid at its source;
Seeing not among the evil
All the golden grains of good.
Oh, we'd love each other better
If we only understood."

#### Contract for \$700,000 Florida Courthouse.

Orlando, Fla.—General contract has recently been awarded to the A. Bentley & Sons Co., Jacksonville, for the erection of the proposed Orange county courthouse here at a cost of approximately \$700,000, without furnishings and equipment. The structure will be 172 by 79 feet, five stories, with struc-

tural steel frame, limestone and granite front with brick backing, concrete, terrazzo and composition floors, built-up roof and concrete foundation. Murry S. King and James B. King of Orlando are the architects.

#### Tennessee and North Carolina Exhibits at Southern Exposition Planned.

Greenville, S. C., May 8—[Special.]—W. G. Sirrine, president of the Southern Exposition, announced today that Nashville, Tenn., had definitely reserved 1200 square feet of space, and that Chattanooga already has a large space. The Tennessee Electric Power Co. will also make an interesting exhibit, it was announced. Charles C. Gilbert, chairman of the Tennessee division, will go to New York in a few days to look over Madison Square Garden and arrange for the exhibits.

Mr. Sirrine spoke to the directors of the Gastonia and Greensboro (N. C.) chambers of commerce during the past week in reference to an exhibit for North Carolina. Asheville has definitely decided to have an exhibit, Charlotte now has the matter under consideration, and several western North Carolina towns may be represented, states Mr. Sirrine.

### To Spend \$10,000,000 This Year for Public and Other Improvements in a Florida County.

Inverness, Fla.—At a banquet here in the interest of the Chamber of Commerce of Citrus county it was declared that at least \$10,000,000 will be expended in the county during 1926 for public and other improvements. As a part of a general building program, the county will soon expend \$2,000,000 for roads, while the towns of Inverness, Crystal River, Homosassa and others will spend large sums for streets, sewers, fire protection and other facilities. Building is also active at Locanto and Floral City, where junior high schools are being erected.

It is the plan of the Chamber of Commerce to raise \$25,000 to advertise the advantages of Citrus county, committees already having been named to secure the amount allotted to Inverness.

### \$3,000,000 Company to Develop Baltimore Retail District.

Papers of incorporation have been procured by the Baltimore Improvement Co., Baltimore, recently referred to by the Manufactureers Record, for developing retail sections of the city. The new organization will have a potential capital of \$3,000,000, its authorized capital stock to consist of 15,000 shares of preferred with a par value of \$100 and 15,000 shares of common stock of no par value, the latter being assessed for purposes of taxation at \$100. The purpose of the new company will be to acquire sites and erect new structures in the retail district, these to include stores, warehouses and other buildings. Its officers include J. Carey Martien, president; Herbert A. Wagner and A. Ray Katz, vice-presidents; Edwin B. Hutzler, secretary, and Elmore B. Jeffery, treasurer.

#### \$332,000 Subscribed for Hotel.

Elizabeth City, N. C.—This city has closed a week's campaign for a hotel here, raising a total of \$332,000. The objective was \$300,000. The campaign was directed by the Hockenbury System, Inc., Harrisburg, Pa., through a hotel committee composed of three members each of the Chamber of Commerce, Rotary, Kiwanis, Merchants' and Woman's clubs. C. O. Robinson was chairman of the executive committee, with J. W. Foreman as associate. W. G. Gaither was general sales manager.

### Important Extensions to Plant at Sugar Land, Texas—Refinery Output Increased.

R. S. PECK, Engineer in Charge, Dwight P. Robinson & Co.

The Imperial Sugar Co. at Sugar Land, Texas, have for several years past been improving their plant and increasing its capacity. The latest addition consists of a new char filter house which replaces their old filter house and not only results in increasing the output of the refinery but materially lessens operating costs and insures the production of the finest qualities of refined sugars. Thus a plant already recognized as being of high efficiency and under able management has taken another advance step.

The building, an eight and a half story structure, approximately 150 feet high, 109 feet long and 85 feet wide, is of steel frame with brick walls and concrete floors. The steel frame is fireproofed throughout and the walls, floors and windows conform to the requirements of the State Fire Insurance Commission and the National Board of Fire Underwriters for strictly fireproof buildings. The building rests on concrete piles cast in place. Windows are of underwriters' approved steel sash with quarter inch thick wire glass. In view of the warm climate in which the plant is located, special provision was made for ample ventilation, liberal space around equipment, and heat insulation of equipment for lowering room temperatures and at the same time reducing fuel costs. An exceptionally large proportion of window area to wall area was accordingly provided.

The best and most improved types of equipment known in the business of refining cane sugars have been provided throughout in this char house. The house is characterized by improvements making for utmost economy in operation. There are 30—10 foot 3 inch diameter cast iron char filters. The kilns are R. S. Kent's design, a type comparatively new embodying

the latest and finest improvements in bone char kiln construction, and noteworthy for fuel economy, uniformity of heat distribution around retorts, and durability. The kilns are equipped with combination oil and gas burners, enabling a quick change to be made from either fuel to the other. A rotary-kiln-decarbonizer, also designed by R. S. Kent, completes the third battery of kilns. This battery handles the lowest grades of bone-char. The kilns are equipped with American Tool and Machine Co.'s char draw mechanism.

The filters, kilns, dryers, cast iron wet char hoppers, decarbonizer, and the char draw equipment were all furnished by Joubert and Goslin Machine and Foundry Co., Birmingham, Ala.

An independent conveying and elevating system has been provided for handling the dry bone char from each of the three batteries of kilns. Each system is provided with a Hummer magnetic vibrating screen and an exhaust fan and cyclone dust extractor unit for removing excessively fine bone char and dust. The conveyors and elevators were furnished by Dodge Manufacturing Co., Houston, and Mishawaka, Ind. The screens were furnished by W. S. Tyler Co., Cleveland, Ohio.

A complete water treating and heating plant of 20,000 gallons per hour capacity for rectifying, filtering and heating water for house operations has been provided in the top of the building. This plant was furnished by International Filter Co., Chicago, Ill. A heat exchanger for saving heat in waste wash waters from fixers has been provided on the fourth floor of the building and partially heats raw water going to the top floor for treatment and heating.

The new filter house was designed and built by Dwight P. Robinson & Company, Incorporated, of New York, serving as the engineers and constructors, under the direction and



PLANT OF IMPERIAL SUGAR COMPANY AT SUGAR LAND, TEXAS.

supervision of M. R. Wood, consulting engineer for The Imperial Sugar Co.

Additional vendors who furnished major materials and equipment for the char house are Houston Structural Steel Co., Houston, structural steel for the building framing, steel liquor and water tanks, smoke flues and char chutes; Raymond Concrete Pile Co., New York City, concrete piles; Grossbeck Standard Brick Co., Grossbeck, Texas, all building brick; R. B. Everett and Co., Houston, Fenestra steel sash, including erection and glazing; Pittsburgh Plate Glass Co., Houston and Pittsburgh, Pa., wire glass; Evans and Howard, Malakoff, Texas and St. Louis., Mo., fire brick; United and Globe Rubber Co., Houston and Trenton, N. J., rubber covered conveyor and elevator belting; Texas Portland Cement Co., Dallas, cement; J. A. Rossiter & Company, Inc., Houston, two concrete stacks for kilns; Horton and Horton, Houston, gravel and sand; H. W. Johns-Manville Company, Houston, roof waterproofing: U. S. Gypsum Company, Chicago, Ill., gypsum roof.

#### Semi-Annual Meeting American Plan-Open Shop Conference.

In a foreword to a program arranged for the ninth semiannual meeting of the American Plan-Open Shop Conference at Hotel Statler, Detroit, on May 26, 27 and 28, it is stated that the program has been confined to a consideration of those conditions and activities which make for the establishment and perpetuation of a genuine open shop in any community. The more important features of the program will embrace discussions of activities of the conference to date. attitude of communities toward the open shop, effects of the open shop in the plant, community, state and nation; employer's responsibilities under the plan, wages in permanent and seasonal occupations, national aspects of the open shop in building construction, amusements, printing and allied trades; outlook for the plan on transportation systems, a discussion of fuel production and the open shop, Britain's industrial problems and of other appropriate subjects. A. C. Rees of Salt Lake City, Utah, is chairman of the conference.

#### Southern Corn Cup Exhibited.

J. P. Moon, Secretary of the Newberry Chamber of Commerce, writes to the Manufacturers Record saying that the Southern Railway Company silver trophy corn cup which was awarded last year to William Patton Boland, 17 years old, of Newberry county, South Carolina, was taken by him (Mr. Moon) to Charleston and displayed there during the sessions of the Foreign Trade Council, and it was also announced that the cup would be exhibited at Washington, D. C., in the United States Chamber of Commerce this week during the National Convention and Southern Association of Commercial Secretaries convention. D. A. Skinner is secretary of the United States Chamber of Commerce.

### Maryland Forestry Department Supplies 300,000 Trees.

In the past few weeks approximately 300,000 young trees have been distributed by the State Department of Forestry, F. W. Besley, state forester, Baltimore, for replanting in Maryland. This number is not sufficient to meet the demand and the state nursery at College Park has been enlarged in order to grow 600,000 trees annually. These will be available for planting, it is stated, within two years. The state has recently completed extensive planting in western Maryland and has restocked privately owned forests in many sections of the state.

#### Pickering Lumber Interests in \$22,000,000 Consolidation—To Own 350,000,000 Feet Southern Yellow Pine.

Kansas City, Mo.—The Pickering Lumber Co. of this city has been organized to consolidate all Pickering lumber enterprises, according to a statement by W. A. Pickering, president of the company. These include the W. R. Pickering Lumber Co., Pickering Land & Timber Co. and the Standard Lumber Co., with their subsidiaries. The new company will have lumber manufacturing plants at Pickering, La.; Haslam, Texas, and at Standard, Macdoel and Tuolumne, Cal. It will own upward of 350,000,000 feet of Southern yellow pine, 3,500,000,000 feet of California white and sugar pine, and will have a manufacturing capacity of 1,000,000 feet of lumber daily and 400,000 doors a year.

The new company will have a capital and surplus of \$22,000,000, maintaining its principal offices in this city, in a new \$400,000 building which it is erecting at 11th and Central streets for occupancy about September 1. Officers of the company, in addition to Mr. Pickering, include the following: W. R. Pickering, chairman of the board; T. M. Barham, vice-president and secretary; Walter Robison, vice-president in charge of sales; D. H. Steinmetz, vice-president in charge of Western operations; J. W. Deal, vice-president in charge of retail department; Jesse Andrews, general counsel; P. M. Noyhart, comptroller, and W. R. McKee, auditor.

#### Utility Groups Elect Officers.

Galveston, Texas.—At a recent meeting here of the Southwestern Public Service Association and the southwestern division of the National Electric Light Association officers were elected as follows: Southwestern Public Service Association—Harold F. Borton, Dallas, president; F. H. Kifer, San Antonio, first vice-president; W. H. Burke, second vice-president; C. K. Felder, third vice-president, and F. J. Gannon, treasurer, all of Fort Worth.

Southwestern Division of National Electric Light Association—H. B. Flowers, New Orleans, president; F. F. Armstrong, Meridian, first vice-president; J. G. Holtzclaw, Beaumont, second vice-president; F. W. Insull, Tulsa, third vice-president; J. L. Longino, Pine Bluff, fourth vice-president, and A. G. Curtis, Shreveport, fifth vice-president.

#### Palm Beach Moves to Attract Industries.

Palm Beach, Fla.—A movement has been started by the Palm Beach Real Estate Board, of which E. E. Vorenberg is secretary, to attract additional industries to the Greater-Palm Beach district. Luther Jones, chairman of the industrial committee of the real estate board, reported that arrangements have been completed for a joint committee representing the Chamber of Commerce, Merchants' Association and realtors, to make an industrial and commercial survey of the district. It is understood that Mr. Jones will be chairman of the joint committee and that it will take from three to four months to prepare necessary data.

#### Huntsville, Ala., in Print and Picture.

A fine illustrated article about Huntsville, Ala., is the principal contribution to the April 15 issue of the News Item, published by the Nashville, Chattanooga & St. Louis Railway Co. The attractiveness and the advantages of the city are fully and accurately pictured and described and its picturesque setting in a beautiful region is impressively presented to the reader. A great part of the progress of Huntsville is due to the activities of the Chamber of Commerce, of which Claud J. DeMers is secretary. There are 65 manufacturing plants in the Huntsville district.

### The Relation of Employer and Employe.

THE ANNUAL MEETING OF THE SOUTHERN METAL TRADES ASSOCIATION DISCUSSES THE VARIOUS PHASES OF THE INDUSTRY WITH SPECIAL REFERENCE TO THE RELATION BETWEEN EMPLOYERS AND EMPLOYES.

[Special Correspondence Manufacturers Record.]

Macon, Ga., May 6.

Foundry and machine shop construction, cost systems, compensation insurance and especially the proper handling of labor in the foundry, occupied the attention of delegates to the ninth annual convention of the Southern Metal Trades Association, which closed here today. The meeting was attended by foundry owners and managers from ten Southern states, the keynote of the meeting being the proper management of men and machinery in the iron and steel industry.

The first session was opened Wednesday morning, with President W. C. Trout of Lufkin. Tex., in the chair. Following an address of welcome by Judge Malcolm D. Jones of Macon a response by G. F. Meehan of Chattanooga, and reports from the president, secretary and treasurer, T. Rad. Turner of Macon spoke briefly on the relation of banks to industry. Mr. Turner was followed by William J. Barrett of the Metropolitan Life Insurance Co. of New York, who urged the foundry men to install cost systems, get at facts in their business, analyze these and consult neighbors for comparisons. He explained how his company measured management by having an actuary estimate the number of people who would die in any given industry during the year, setting up a budget figure for this number, and then checking over the actual figures against estimates.

He declared that time has come when foundry men have got to know their costs. Too many foundry owners, he said, pay for working instead of receiving pay for their work and lose money instead of making it on their bids; and he urged men in the metal trades industry to stop working in the dark and let cost systems light their way.

John S. Schofield of Macon followed Mr. Barrett with a brief discussion of costs, in which he urged every foundry man to know his cost, add a reasonable profit, and hold his price, regardless of what the uninformed and ignorant might sell for. He was followed by G. S. Evans, metallurgist for the Mathieson Alkali Works of Chicago, who presented a technical paper on "Refining Molten Cast Iron," and E. J. Rowe of the Adams, Rowe & Norman Co., Birmingham, who spoke on the uniformity of coke in foundry work.

"Modern Foundry and Machine Shop Construction" was discussed by C. A. Harwick, Southern manager of the H. K. Ferguson Co., Birmingham, who stressed the importance of proper construction in the metal trades industry.

"The South," said Mr. Harwick, in part, "has great opportunities for expansion in the metal trades industry. But expansion will mean increased competition, and increased competition will force greater efficiency upon the foundry man. One way in which he can increase the efficiency of his plant is to arrange and construct his buildings more efficiently. He should study each department carefully and see that it is located properly, has the correct amount of floor space, and that room is provided for proper expansion of each department in the future. No plant remains stationary. It either grows or it withers. And if your plant is to grow, you must provide room for its development."

Mr. Harwick urged the erection of standard buildings. Russell Hunt, secretary and treasurer of the Sloss-Sheffield Steel & Iron Co. of Birmingham, closed the morning session with an address on "The South Awake."

Delegates were guests of the Rotary and Kiwanis clubs at luncheon, making their choice of the club they wished to attend, and after lunch visited the plants of the J. S. Schofield's Sons Co. and the Taylor Iron Works in Macon. The annual banquet of the association was held at the Hotel Dempsey Wednesday evening, P. T. Anderson, president of the Macon Telegraph, acting as toastmaster, and Dr. H. R. McKeen, executive manager of Greater Georgia, Inc., delivering the address for the occasion.

The second session of the convention opened Thursday morning with a motion picture by President Trout illustrating a counterbalance for oil-well drilling. He told of the development of this film as a means of selling the counterbalance to prospective customers, and suggested the motion picture as a neglected sales agent that could often be used to good advantage.

Mr. Trout was followed by Emmett Small, president of the Georgia Casualty Co. of Atlanta, whose address on the safety of employes in business marked a high point of the convention.

"The employer," said Mr. Small, in part, "has got to stop thinking of his employes en masse and think of them as individuals. The present tendency of state legislation to make the employer more and more responsible in the case of accidents to his employes has introduced a new economic factor in manufacturing. It behooves the employer to protect his own interests by looking after his men.

"How can he reduce his insurance rate and how can he decrease the danger of a suit for damages to a minumum?

"Safety appliances in the shop will help. But they alone cannot do the job. For there is the human element always to be considered. And along this line the employer should demand physical examination of all those who wish to enter his employ, eliminating the unfit at the start. He should conduct physical examinations from time to time to see that the employes in his shop remain physically fit. He should try always to fit men to the work they can do best. And he should employ only men of good character.

"All of this will help reduce accidents and increase the efficiency of the plant. But even this is not enough.

"The employer must take a personal interest in his men.

"He must know them by their first names; must know the conditions under which they live as well as he does those under which they work. He must use justice in the administration of his affairs, but he must also have a real interest and love for his employes. That—and that alone—will furnish the key to success in the handling of labor." Following Mr. Small's address a round-table discussion developed on the handling of labor.

It was the opinion of foundry men present that labor could not be frightened or driven or fooled into working. As one man expressed it, they could only be loved into building up a well-trained and efficient organization, and it all came back to the Christian principle of loving one's neighbor as oneself. He declared that religion and business could be mixed, because he was mixing them right in his own plant and finding the mixture successful. And in this he expressed the sentiment of the entire group.

Resolutions were passed asking the repeal of objectionable anti-trust legislation, commending the work of Secretary W. E. Dunn, Jr., and thanking the people of Macon and the Hotel Dempsey for the hospitality shown.

George B. Crocker of Gastonia, N. C., was elected president. Other officers elected were John S. Schofield, Macon, first vice-president; W. E. Dunn, Jr., secretary, and J. L. Cox. treasurer, both of Atlanta. State vice-presidents were named.

### Palm Beach County to Vote on \$9,500,000 of Bonds.

West Palm Beach, Fla.-An election has been called for June 15 by the Palm Beach County Commissioners on bond issues aggregating \$9,500,000, of which it is planned to expend \$8,500,000 for the construction of the Military Trail to parallel the Dixle Highway for the entire length of the county, widen Ocean boulevard and build a new bridge across Lake Worth. The proposed Military Trail will be of concrete. 18 feet wide for the present, with a 100-foot right of way, and connecting with roads from the ocean to the Trail at Jupiter, Kelsey City, Lake Worth, Boynton, Delray, Yamato and Boca Raton. These latter roads will be 24 feet wide. The Ocean boulevard will be widened to 32 feet and new bridges will be built at Lake Worth and Boynton, 30 feet wide, with bascule draws. All bridges along the Trail will be 40 feet wide. According to plans of the commissioners, a new road through the Everglades between Chosen and Kraemer, Torrey Island, will also be built.

A \$1,000,000 bond issue will be voted on for mosquito control. The larger issue will be floated for three years, while no definite details have been determined for the smaller one.

#### \$750,000 College Expansion Program.

In a letter to the Manufacturers Record, Bishop W. F. McMurry, president of Central College, Fayetteville, Mo., outlines an expansion program to cost \$750,000. The proposed expansion will involve the erection of a new chapel to cost \$100,000; transformation of dormitory into library building, \$50,000; gymnasium, \$75,000; conservatory of music building, \$50,000; restore Brannock Hall for administration purposes, \$25,000; erect \$200,000 dormitory for men; religious education building, \$50,000; repair women's dormitory, \$40,000; build central heating plant, \$75,000, and expend \$85,000 for miscellaneous construction. Wilbur T. Trueblood of St. Louis is the architect.

#### Contract for \$2,000,000 Birmingham Hotel.

Birmingham, Ala.—General contract has been awarded to the Foster & Creighton Co. of Nashville, Tenn., for the \$2,000,000 Thomas Jefferson Hotel at Second avenue North and 17th street in this city to be erected by the Union Realty Corporation, of which Henry H. Cobb is president. The building will be 19 stories and basement, of steel construction, with terra cotta exterior. In addition to the general contract, other awards have been made to the Pate Co. for heating and plumbing, and to the Mill & Mine Engineers, Inc., for electrical wiring, both of Birmingham. The Otis Elevator Co., New York, has contract for elevators. D. O. Whilldin of Birmingham is the architect.

#### Information on Tennessee Marble Deposits.

Lenoir City, Tenn.—A statement recently prepared by Herbert R. Shipley, secretary-manager of the Chamber of Commerce of Lenoir City, presents interesting information on marble deposits in the vicinity of Lenoir. Through a survey and study, with the help of reports by the Tennessee State Division of Geology, it is stated that valuable facts have been established with reference to the Concord belt of marble, which makes its appearance near Sweetwater, Tenn., and extends northeast through Loudon county via Lenoir to Concord. It is closely paralleled by the Southern Railway and Tennessee River, while lines of the Tennessee Electric Power Co. of Chattanooga are located near it. Quarries have been opened, but most of the output has come from the vicinity of Concord, a few miles northeast of Lenoir City. Mr. Shipley points out that excellent transportation facili-

ties are available, and that deposits opened have been found very satisfactory. He states that waste found near many marble mines may easily be manufactured into valuable byproducts, such as riprap, lime, flux, terrazzo, filler, Portland cement, road material and other products.

### \$3,000,000 Orange and Grape Growing Development.

West Bay, Fla.—With a total of 7500 acres of land in Washington county, the Seminole Plantation Co., West Bay, with Ernest Pope of New York as president, has undertaken a development for growing satsuma oranges and grapes. Acreage to be developed at this time totals 850, of which 640 acres have been cleared and planted. Plans of the company include the planting of groves, fencing, house building, erection of warehouses and packing houses. It is estimated that the total expenditure will reach \$3,000,000.

#### Will Advertise Delta Section.

Memphis, Tenn.—Plans have been made by the Southern Alluvial Land Association of this city for a comprehensive advertising campaign for the delta region of Mississippi, Arkansas, Missouri and Louisiana. The undertaking, it is stated, will be a co-operative, non-profit venture to remove fallacious ideas regarding the delta region and to attract new people into it, especially white settlers, for operating small farms. The association is composed of landowners, business and banking interests, chambers of commerce and similar organizations.

#### Plans \$5,000,000 Development in North Carolina.

Waynesville, N. C.—According to an announcement by E. L. Withers, secretary of the Chamber of Commerce here, J. D. Hood of Sanford, Fla., has purchased 4000 acres of land in the Balsam Mountains, near Waynesville, on which he plans a \$5,000,000 development. Improvements planned include a 19-mile concrete scenic highway from Balsam to the top of Jones Knob, contract for grading having been awarded for this work to the Catawba Construction Co. of Asheville. It is also planned to erect a \$1,000,000 hotel, construct golf course and provide other facilities.

#### \$2,000,000 Unit for Houston Power Plant.

Houston, Texas.—A contract for the erection of an additional unit for the plant of the Deepwater plant of the Houston Lighting & Power Co. has been awarded to the Texas Construction Co. of this city, and it is thought that work will begin within a few weeks. Another 25,000-kilowatt power unit will be installed, which will increase the capacity of the plant 62 per cent, it is said. The cost of the new addition will be approximately \$2,000,000.

#### Lakeland Will Vote on \$1,500,000 Bonds.

Lakeland, Fla.—An election has been called for June 1 by the city commissioners of Lakeland on a bond issue of approximately \$1,500,000 for the development of a civic center on Mirror Lake, improvement of other lakes in the city and for the extension of the sewerage system. The largest single item in the proposed issue contemplates \$750,000 for sewers, this amount to supplement a \$700,000 fund voted two years

May 18 has been selected by the school board of Columbia, S. C., as the date of an election on a bond issue of \$500,000 for school improvements in the city.

### Big Port Development Improvement Program Under Way and Planned at Tampa.

Details concerning harbor improvements now under way and proposed at Tampa, Fla., are given the Manufacturers Record by Roland A. Laird, secretary, Industrial Bureau of the Tampa Board of Trade, as follows:

"The only development that is actually under way is at the Kreiss Potassium Phosphate Co. on the Ybor channel. The company already has 650 feet of dockage on the 27-foot channel. In addition, it is completing the dredging of a slip 860 feet long, which is to have a depth of 27 feet and has already been dredged to a depth of 22 feet. This slip is to be equipped with a modern warehouse 850 feet in length and 235 feet wide and to cost \$200,000. The warehouse is to be equipped with modern stevedoring and labor-saving devices, including traveling crane and conveyors.

"The development of upper McKay Bay for industrial terminal purposes is highly probable. For several months a Board of Trade committee, known as the Port of Tampa Planning Group, has been compiling statistics and preparing plans for a large civic development at this point. The report is about ready for submission and it contemplates the expenditure of approximately \$5,000,000, the filling in of about 500 acres of land and the construction of four slips with adequate warehousing, and a complete classification yard. The group will recommend that the city carry this plan out as a civic undertaking. Failing the acceptance of the proposal by the city, the group recommends that the enterprise be turned over to private interests for completion. In anticipation of this latter course being adopted, A. W. Kilbourne of Cleveland, Ohio, has already launched plans for a terminal at the upper end of McKay Bay. A definite scheme has been prepared and engineers' plans drawn. Mr. Kilbourne is now in Cleveland in this connection. The Kilbourne scheme calls for about 900 acres of fill, of which approximately 500 acres will be available for industrial purposes. The expenditure involved is estimated at \$7,000,000. The Kilbourne project will have the support of property owners interested and a number of key options have been secured in anticipation of the plan going through. In addition, an important terminal project involving considerable area on the Ybor channel is receiving consideration. The details of this plan are in the confidential stage at the moment.

"The Seaboard Air Line, which owns 800 to 1000 acres of property on Hookers Point, has prepared plans for very extensive industrial development in connection with this property. The plan involves large additions to the present area of Hookers Point, running to possibly 500 acres, the larger portion of which will be made from spoil from the channel on both sides of the Point. Information is not available at the moment as to whether the Seaboard Air Line will definitely go ahead with its proposed enterprise, but the project is now in the hands of the executive heads of the company and is receiving very serious consideration."

#### Purchase 6000 Acres in Mississippi—Considering Large Residential Park.

Regarding the purchase by himself and associates of 6000 acres of land at the mouth of Jordan River at its opening into Bay St. Louis, Dr. Carroll W. Allen of New Orleans advises that the property is in a single tract, located about two miles south of Bay St. Louis, Miss., and within one mile of Waveland. It has 30 miles of water frontage, he states, which could be increased to 50 or more by dredging; there are approximately 600 acres of marsh land in scattered tracts which may readily be developed by dredging and filling.

The highland varies in elevation from 6 to 20 feet, and is from flat to rolling in character, with oaks, pines, magnolias, cedars, hickory, pecan and other native trees. The property is traversed by improved highways.

Definite plans have not been worked out, but the entire tract will probably be developed as a high-class residential park, with riding tracks and other features. A golf course will be provided and a fishing and boating club for the use of property holders. Special areas will be set aside for estates of five or more acres. All landholders in the park will have waterfront privileges and certain areas along the stream will be reserved for this purpose.

#### \$400,000 Hotel and Country Club.

Sedgefield, N. C.—General contract has been awarded to the Shelco Engineering & Construction Co., New York, for the proposed \$400,000 hotel and country club to be erected here by Sedgefield, Inc. The structure will be of brick and frame, plans and specifications having been prepared by Nathan Harris of Newark, N. J. It is understood that the hotel will be operated by the Continental-Leland Corporation, New York, while the club portion will be occupied by the Sedgefield Country Club.

#### \$5,000,000 Unit of Cotton Terminal System.

Regarding the erection of a \$5,000,000 unit for a cotton terminal system at Houston, Texas, on the Ship Channel. Don Hall of that city wires the Manufacturers Record that he has been awarded contract for the proposed facilities. These will include a cotton compress, warehouses and wharves, to be located in the vicinity of Manchester and to be erected by the Manchester Terminal & Compress Co., a new organization in which Col. R. H. Baker, J. K. Dorrance, J. M. Dorrance, Joseph W. Evans, R. M. Farrar, Rex Frazier, Don Hall, E. A. Peden and K. E. Womack, all of Houston, are interested.

The proposed compress and warehouses will be of reinforced concrete, two stories, with 750,000 square feet of floor space and capacity for compressing 200,000 bales of cotton. The wharves will be 1500 feet long to provide for berthing three or four vessels at the same time. A portion of the unit is expected to be completed by September and the remainder by November.

A site obtained for the plant embraces 70 acres, which will afford ample space for additional units, it is stated.

#### Report on Steel Ingot Production.

Following is the monthly production of steel ingots from January, 1925, to April, 1926, as reported to the American Iron and Steel Institute by companies which made 94.50 per cent of the steel ingot production in 1925:

Months 1925 C 4 Jan. 3,263,256 Feb. 2,933,225 March 3,337,721 April 3,858,866	689,996 602,042 615,715	11,960 12,998 13,633 14,182	25.55.50m panies 27.55.50m panies 27.55.50m panies 27.55.50m panies 27.55.50m panies	Calculated monthly to the calculated monthly cast. Sect. Sec	9552 No. of work-	200 Approximate 128,307 Companies 161,321 Companies 1918 1918 1918 1918 1918 1918 1918 191
4 months. 12,393,068	2,422,613	52,773	14.868,454	15,723,649	103	152,657
Management and the second	497,708	13,790	3,267,059	3,454,971	26	132,883
May 2,755,561 June 2,540,729	476,945	12,490	3,030,164	3,204,451	26	123,248
July 2.446,068	457,095	13,547	2,916,710	3,084,472	26	118,634
Aug 2.698,285	523,734	12,914	3,234,933	3,420,998	26	131,577
Sept 2,738,673	547,121	13,977	3,299,771	3,489,565	26	134,214
Oct 3,077,114	584,567	15,624	3.677.305	3,888,814	27	144,030
Nov 3,092,194	581,347	17,085	3,690,626	3,902,900	25	156,116
Dec 3.169,796	569.304	15,843	3.754.943	3,970,918	26	152,728
Total34.911,488	6,660,434	168,043	41,739,965	44,140,738	311	141.932
1926	-				-	
Jan 3.326.846	581,683	13,664	3,922,193	4,150,469	26	159,633
Feb 3.023,829	556,031	12,818	3,592,678	3,801,776	24	158,407
March 3,590,791	635,680	15,031	4,241,502	4,488,362	27	166,236
April 3,282,435	601,037	13,652	3,897,124	4,123,941	26	158,613
4 months. 13,223,921	2,374,431	55,165	15,653,497	16,564,548	103	160,821

### THE IRON AND STEEL SITUATION

#### Steel Prices Firm in Most Lines.

Pittsburgh, May 10—[Special.]—The steel market has been letting itself down very gradually in point of activity, and hardly at all in point of prices. The majority of lines are perfectly firm as they have been, while in bars, shapes, plates and sheets concessions have spread somewhat. These lines have not definitely declined, but there is more shading than there was a month ago.

By any long range comparison the present pace of steel buying would be considered a very good one, but it compares unfavorably with the average of the past six or eight months, because that was exceptionally high. The tonnage did not run particularly high, as in the old days when forward buying was so prevalent, but that buying was largely in contract form and the contracts were very rarely carried out in full. The buying in this recent period is much better gauged by the shipments made against the buying, production and shipments of steel in the past six months, November to April, inclusive, exceeding by 6 per cent the best record previously made for six consecutive months in the first half of 1923.

On the basis of capacity commonly used, 56,000,000 gross tons of ingots per annum, or 180,000 tons per working day, mill operations averaged 88 per cent in the six months through April, reaching a peak of 92 per cent in March and being about 88 per cent in April on an average. There has been a more or less continuous, though slow, decline, and the rate last week was between 80 and 85 per cent. Some further decrease is to be expected from the present outlook, but a rate below 70 per cent in July is hardly to be expected. That would be better than the operation in July of last year and vastly better than that in July, 1924, when there had been a practically unprecedented slump, due partly to steel accumulating in buyers' hands.

This time there is no accumulation of steel, in mill form, in the hands of buyers, who have been very conservative in that respect. It is strongly suspected that there are some accumulations of manufactured products not fully distributed or put into final application. There was some such suspicion even before the very backward spring exerted its influence.

Bars are still quoted at 2.00 cents, and shapes and plates at 1.90 cents, in the Pittsburgh market, with 2.10 cents quoted on all three in the Chicago market, but there is a rather prevalent belief that these prices have become largely nominal on important business and that much tonnage is going at less. In the Birmingham market it is admitted there is a decline of a dollar a ton in shapes and plates.

The sheet market softened somewhat more last week, prices of 3.15 cents on black and 4.40 cents on galvanized being done in a number of cases, though mills are still disposed to call the market 3.25 cents to 3.35 cents on black and 4.50 cents to 4.60 cents on galvanized. As to automobile sheets, which recently went at 4.30 cents against 4.40 cents formerly quoted, it seems that 4.40 cents has now practically disappeared. Blue annealed remain quotable at 2.40 cents to 2.50 cents, but in most sections the 2.50 price is rather exceptional.

Tubular goods and wire products remain very firm, as they have been right along.

No definite predictions are being made in the steel trade as to the course of business in the second half of the year, and none are sought. Steel affairs are not barometric to the extent they used to be, when buyers considered it necessary to carry stocks and cover themselves ahead. Nowadays the buying is hand to mouth and if stocks are carried it is by

Pig-iron has continued very dull in the Pittsburgh Valley market, as it is quite generally. Valley prices are unchanged

since the \$1.50 drop a month ago, but are not being given any real test.

Connellsville coke continues dull, with prices not quotably changed but with the market apparently a shade easier.

#### No Material Change in Birmingham District.

Birmingham, Ala., May 10—[Special.]—The waiting game, consumers expecting modification of quotations and furnace interests maintaining the \$22 per ton level for No. 2 foundry iron, continues with prospects favoring the producers. The unfilled tonnage is showing no immediate cessation despite the fact that deliveries are in volume. The production is steady, 13 blast furnaces yet being on foundry iron, with another about ready to be blown in. Very little iron has been placed on the yards, on surplus stack; in fact, the market could limp for a few weeks at least before the aggregate surplus would cause the least apprehension.

The strike in Great Britain has had the effect of removing the spectre of foreign iron being brought in at a lower price than is being asked here. The announcement of a few weeks ago that one of the larger melters had purchased 12,000 tons of English iron and would shortly bring it into Birmingham for consumption did not cause any flurry. Some interests figured that when the costs were all added up there would be no difference in the local iron,

While reports are still to be heard that the inquiries for cast-iron pipe and other iron products are not as active as they have been, pressure-pipe in particular, the survey as to future conditions of the iron market shows that the third quarter of the year will see business to warrant steady operation of all foundries, and it is known that the new pipe shop and additions to others are to be in operation shortly. The soil-pipe foundries have been finding business sufficient of late to warrant four days' operations. Indications are that the demand is improving and there will be warrant for five days' production the week within a short while. Foundry and machine shop trade is also showing signs of improvement.

The Central Iron & Coal Co. will soon have its Holt blast furnace back in operation. The Woodward Iron Company has been working diligently on its No. 2 blast furnace, where the disaster occurred. In the meantime the four blast furnaces of that company in operation is caring for its trade right along, it being understood that there has been a steady demand for the make. The Sloss-Sheffield Steel & Iron Co. has six blast furnaces on foundry iron and shipments have been good, very little iron going to the yards. The Republic Iron & Steel Co. has two and the Tennessee Coal, Iron & Railroad Co. one on foundry iron. Statistics as to surplus iron in this district other than basic, which is being held exclusively for use of the manufacturers, show but a reasonable amount of foundry iron on hand.

Ninety per cent of the foundry iron make of Alabama is consumed in the home territory. Middle West stove and other foundries have been buying some Southern iron, but the decline in quotations in other sections makes sharp competition for the product of this section. There will be increased melt of iron a little later. As expressed by one of the directors of the Sloss-Sheffield Steel & Iron Co., the Birmingham district is, somehow or other, favored and the general market conditions here hold up nicely, while lagging may be seen elsewhere.

Steel market activity is still to be reported, new business being received every week or so. The recent order of 38,600 tons of rail placed with the Tennessee Coal, Iron & Railroad Co., to be rolled at the Ensley mills, following the order for 500 steel underframes for flat cars by the same railroad,

adds to the unfilled tonnage. The Frisco Railroad and the Seaboard Air Line Railroad, soon to be constructing new road in Alabama and the Southwest, will cause demand for rail and other shapes of steel, and the Birmingham district will be favored. The first half of the year has been very good and the prospects for the second half look bright. Industrial leaders express the opinion that there will be warrant for steady operation of all mills and shops. The smaller structural fabricating shops of Birmingham have many contracts yet for building material, mostly where rebuilding work is being done. Other shapes of steel are in good demand and production is steady and shipments equal to the make, railroad necessities in particular.

Cotton ties, hoops and bands are also being produced in quantity and find ready shipment.

The coal-mining trade shows a little decline, the modified weather conditions now being felt. It is estimated that the output in Alabama is about 30,000 tons less a week than up to a fortnight ago. Coal operators are prepared to meet a demand that may arise by reason of the strike in England. Shipping interests are notified that Gulf ports will be prepared to fuel ships setting out for foreign shores sufficient for round trips, while countries to the south of the United States, which have been getting fuel more or less from England, in case of emergency will find coal here also, rail and barge service being in good shape. While no great expectations were aroused during the past week, the operators appeared to be confident that if the necessity arose, the Alabama collieries would come in for a share of the business.

The coke market continues fairly good. Production has not been cut down and independent companies are shipping as steadily as ever. Coke quotations range between \$5 and \$5.50 per ton, foundry coke.

The scrap iron and steel market shows no change, very little buying and healthy shipment of the product. Quotations are unchanged also. The larger melters of heavy melting steel have made no recent purchases.

Quotations for pig-iron and iron and steel scrap follow:

#### PIG-IRON

PIG-IRON

No. 2 foundry, 1.75 to 2.25 per cent silicon, f. o. b. furnaces.
\$22.00 to \$23.00; No. 1 foundry, 2.25 to 2.75 per cent silicon, \$22.50 to \$23.50; iron of 2.75 to 3.25 per cent silicon, \$23.00 to \$24.00; iron of 3.25 to 3.75 per cent silicon, \$23.50 to \$24.50; iron of 3.75 to 4.25 per cent silicon, \$24.00 to \$25.00; charcoal iron, f. o. b. furnaces, \$30.00 to \$31.00.

OLD MATERIAL.

Old steel axles	\$18.00 to	\$19.00
Old iron axles	18.00 to	18.50
Old steel rails	14.00 to	
Heavy melting steel	13.00 to	
No. 1 cast	17.00 to	
Stove plate	14.00 to	
No. 1 railroad wrought	12.00 to	
Old car wheels		
Old tramcar wheels	17.00 to	17.50
Cast iron borings		
Machine shop turnings		8.50
Cast iron borings (chemical)	15.50 to	16.50

#### Atlanta Office for American Steel and Wire.

Atlanta, Ga.-Negotiations have been closed by the American Steel and Wire Co., a subsidiary of the United States Steel Corporation, New York, for a large office suite in the Marietta Building here, according to C. F. Palmer, president of Palmer, Inc., of this city. John W. Patterson, manager of the fence and post sales department, will be in charge of the Atlanta office.

#### South Carolina Borrows \$4,000,000.

Columbia, S. C .- Accepting a bid of the South Carolina National Bank of Columbia, Charleston and Greenville, state officials have negotiated a loan of \$4,000,000 on an interest rate of 3.62 per cent plus a premium of \$200. The money will be used by the state pending tax collections in the fall. It is stated that approximately \$3,000,000 will be distributed at once among the schools of the state.

### **RAILROADS**

#### ATLANTIC COAST LINE WANTS A ROAD. Columbia, Newberry & Laurens Would Make Short Route for Clinchfield Coal to Charleston.

Concerning the application of the Atlantic Coast Line Railroad for authority to acquire control of the Columbia, Newberry & Laurens Railroad, the Interstate Commerce Commission will resume May 13 at Columbia, S. C., the hearing recently held in Washington, D. C., and temporarily adjourned. The Coast Line wants the road to short-route coal from mines on the Clinchfield Railroad to Charleston, it is understood, the importance of which city as a coal port would thus be greatly enhanced. To send coal from Spartanburg, S. C., the southern terminus of the Clinchfield Railroad, by the route proposed would cover a distance of not over 250 miles to tidewater, as compared with 281 miles if it were routed over the Charleston & Western Carolina division of the Coast Line system via Augusta, Ga.

Beginning at Laurens, S. C., 39 miles south of Spartanburg. the Columbia, Newberry & Laurens Railroad runs via Clinton and Newberry to Columbia, 75 miles, and from there existing lines of the Coast Line system reach Charleston via Sumter and Lanes, 135 miles, or in round figures 250 miles from Spartanburg. The Seaboard Air Line, which has a smaller interest in the Columbia, Newberry & Laurens Railroad than the Coast Line, has protested against the proposed acquisition of control. Originally the two systems had an equal interest in the line, but several years ago the Coast Line acquired many additional shares.

The argument of the opposition is that the line can be continued in use as now for both systems if desired. The Coast Line already runs through service between Greenville and Charleston via the line. The original ownership of both Coast Line and Seaboard was, it was testified, 3334 shares each, but the Coast Line's holdings are now 9016 shares. The road recently declared its first dividend, which is to be paid in June at \$1 per share. Former earnings were expended in large part, it is stated, for new equipment as well as for improvements to the property. The Coast Line, it was further stated, would acquire the additional stock desired (3858 shares) at \$14.04 per share, the par being \$25. The total number of shares is 20,000 and the Coast Line, if the purchase be approved, would have a total of 12,874 shares.

#### Frisco Lets Contract on Pensacola Line.

Reed & Lowe, contractors, Birmingham, Ala., have been awarded contract by the St. Louis-San Francisco Railroad Co. for reducing heavy grades on the Muscle Shoals, Birmingham & Pensacola Railroad at Boggy Creek and Turpentine Hill, Ala., covering a total distance of six miles. Work will begin immediately.

The company has authorized the expenditure of \$2,500,000 for rehabilitating the recently acquired line from Kimbrough to Pensacola, 143 miles, and this will be used under the direction and supervision of J. E. Hutchinson, vice-president in charge of operation, and F. G. Jonah, chief engineer. Heavy rails of 85 pounds weight to the yard will be substituted for 40 miles of light rails. Some trestles will be replaced by culverts and others will be strengthened to carry the heavier traffic that will be sent over the line when the improvements have been completed.

Rebuilding of the Pensacola docks property is included in the budget. The docks will be put in first-class condition and new mechanical and yard-facilities will be built.

About 300 men will be employed at once.

#### RAILROADS RETURN INCREASING.

#### Southern District Leads the List With Net of Nearly 6 Per Cent.

Class 1 railroads in March had a net operating income of \$94,522,911, which was at the annual rate of return of 5.13 per cent on their property investment, according to reports filed by the lines with the Bureau of Railway Economics. In March, 1925, their net operating income was \$73,375,266, or 4.08 per cent on property investment. This compilation as to earnings in March is based on reports from 188 Class 1 railroads, representing a total mileage of 237,087 miles.

Gross operating revenues for the month of March amounted to \$530,453,464, compared with \$486,679,772 in March, 1925, or an increase of 9 per cent. Operating expenses in March this year totaled \$396,473,050, compared with \$377,412,762, or an increase of 5 per cent over the same month last year.

Twenty-six Class 1 roads operated at a loss in March this year, of which eight were in the Eastern district, one in the Southern and seventeen in the Western district.

For the first quarter of 1926 Class 1 railroads had a net operating income of \$223,558,765, which was at the annual rate of return of 4.80 per cent on their property investment. For the first quarter in 1925 the net operating income of those roads totaled \$204,605,982, or 4.50 per cent. The net railway operating income is what is left after the payment of operating expenses, taxes and equipment rentals, but before interest and other fixed charges are paid.

Gross operating revenues for the first quarter in 1926 amounted to \$1,471,653,158, compared with \$1,426,904,819, or an increase of 3 per cent. Operating expenses for the first three months this year totaled \$1,135,712,162, compared with \$1,117,081,454, or an increase of nearly 2 per cent.

Maintenance expenditures for the first three months this year amounted to \$503,531,655, an increase of \$11,568,792 over the same period one year ago. Expenditures for maintenance of equipment amounted to \$319,237,073, an increase of more than \$305,000 over those for the first three months one year ago. Maintenance of way expenditures for the first quarter in 1926 totaled \$184,294,582, an increase of \$11,263,077.

In the Southern district, Class 1 railroads during the first three months this year had a net railway operating income of \$43,800,458, which was at the annual rate of return on their property investment of 5.85 per cent, as compared with 5.53 per cent in the East and 3.66 per cent in the West. For the same period last year their net railway operating income South amounted to \$41,048,695, which was at the annual rate of return of 5.74 per cent. Gross operating revenues of the Class 1 railroads in the South for the three months period totaled \$226,732,230, an increase of more than 9 per cent over the same period the year before, while operating expenses amounted to \$164,219,454, an increase of 8.5 per cent. The net railway operating income of the Class 1 railroads South in March amounted to \$17,343,044, compared with \$16,075,419 in March last year.

#### Fredericksburg & Orange Line Sold.

According to a report from Richmond, Va., control of the Orange & Fredericksburg Railroad, a narrow gauge line 38 miles long from Fredericksburg to Orange, Va., has been bought by Langbourne M. Williams and associates of Richmond, who have acquired the stock of P. H. Faulconer of Charlottesville and offered to purchase the minority holdings. It is contemplated to change the line to standard gauge and otherwise rehabilitate it. E. T. D. Myers, Jr., of Richmond, is the chief engineer. The road is about 75 years old and was originally known as the Fredericksburg, Orange &

Charlottesville Railroad and then as the Potomac, Fredericksburg & Piedmont Railroad. Several years ago the name was changed to that which it now bears.

#### Automatic Train Control on B. & O.

The Baltimore & Ohio Railroad Co. is preparing to install automatic train control on its Philadelphia Division from Baltimore to Philadelphia, 95 miles, and has ordered from the General Railway Signal Company of Rochester, N. Y., 75 locomotive equipments and 184 track indicators for the purpose.

### Knoxville and Sevierville Road Bought by the Bondholders.

The Knoxville & Carolina Railroad, 30 mlles long from Knoxville to Sevierville, Tenn., which was sold at auction on May 1, was bought in for the bondholders by T. Asbury Wright, Jr., for \$50,000, according to a report from Knoxville which says that the line was sold to satisfy claims against it. A new company will be formed at once. Operation is being continued.

#### Mrs. C. Baker Clotworthy, Vice-President.

Mrs. C. Baker Clotworthy, director of steamer and passenger service of the Baltimore Steam Packet Company, or Old Bay Line, a subsidiary of the Seaboard Air Line Railway Co., has been elected to a vice-presidency in the company. Mrs. Clotworthy has been with the company for six years, first as director of service and during the last four years in her present position, in which she has made a high record for efficiency. It appears that Mrs. Clotworthy is the first woman to become a vice-president of a steamship company in this country.

#### New Equipment.

Texas & Pacific Railway has ordered 300 automobile box cars from the American Car & Foundry Co.

Southern Pacific Lines are in the market for 11 dining cars of steel construction.

Georgia & Florida Railway will, it is reported, order 450 box cars.

Missouri Pacific Railroad has ordered 2 automatic air dump cars from the Koppel Industrial Car & Equipment Co.

Florida East Coast Railway has ordered 6300 tons of rails from the Tennessee Coal, Iron & Railroad Co.

Baltimore & Ohio Railroad has put in service several pas-

Baltimore & Ohio Railroad has put in service several passenger cars with individual movable seats, each with its own arm rests. They were equipped at the company's shops in Baltimore.

#### Big Freight Traffic on Railroads.

Reports filed by the railroads with the Car Service Division of the American Railway Association show that loading of revenue freight for the week ended on April 24 totaled 973,-304 cars. This was an increase of 12,118 cars, compared with the corresponding period last year and 94,917 cars over the corresponding week in 1924. Compared with the preceding week this year, the total for the week ended on April 24 was an increase of 8369 cars, increases being reported in the total loading of all commodities except coal, coke and merchandise and less than carload-lot freight, which showed slight decreases.

During the 17 weeks from January 1 to April 24 there were 15,781,435 cars loaded with revenue freight, as compared with 15,509,239 cars loaded in the same period of last year and with 15,086,241 cars in the same period of 1924.

### **TEXTILE**

#### Construction Starts Soon on Book-Cloth Plant.

Bids for the construction of two new buildings for the new plant of the Holliston Mills of Tennessee, Inc., manufacturers of book cloth, to be erected at Kingsport, Tenn., will be opened May 18, and it is expected that the new plant, with its equipment, will be completed and ready for operation September 1. The initial announcement concerning this project appeared in the Manufacturers Record of May 5.

The new buildings will be approximately 75 feet wide and 530 feet long, of brick and steel construction, with monitor roofs. Part of one building will have a second story.

The new enterprise will have a yearly output of about 10,000,000 yards. In conjunction with their finishing equipment a complete bleaching plant will be installed that will not only care for the bleaching of gray goods for the Kingsport plant, but also for the Holliston Mills of Norwood, Mass., said to be one of the three largest book cloth manufacturing companies of the country. It will employ 100 persons. Hollis W. Plimpton heads the new concern.

With the expansion and development of the Kingsport Press facilities during recent months has come an increasing demand for book cloth, and the management decided that its efforts could be better directed toward the many problems of book manufacturing, and consequently decided to dispose of its cloth mill holding as soon as an assured supply could be made available near by. Heretofore the Kingsport Press, through its affiliated company, the Clinchfield Mills, has made all of certain grades of book cloth used by it. Upon the completion of the new industry the Clinchfield Mills will cease to manufacture book cloth.

Details concerning the recent activities of the Kingsport Press and the establishment of the new industry are given the Manufacturers Record by E. W. Palmer, president of the Kingsport Press, as follows:

"Our plant a year ago had a capacity of 100,000 books daily, the majority of which were the cheaper type, perfect bound. not sewed, volumes. Today we have a daily capacity of 70,000 sewed books of the better type, including novels, school and college textbooks, subscription sets and volumes, leather, artificial leather and cloth bindings. While our daily capacity has been reduced theoretically, the value of our product has been doubled. To do this has required the installation of a considerable quantity of new equipment, the building of a new paper storage wareroom, which was completed last fall, and various other improvements and additions.

"The additions to our plant about which you inquire are not specifically additions to the plant of the Kingsport Press. We have, since the plant was started, made our own book cloth and have at present a cloth-making unit capable of about 2,000,000 yards a year. Last fall we decided that the inefficiency of this cloth-making organization was below our standard in the sense that it was capable of producing a great deal more yardage than we could consume, and the problem of marketing it among our competitors was one that we preferred not to attempt on a large scale.

"We succeeded in interesting the Holliston Mills of Norwood, Mass., one of the three largest book-cloth manufacturers in the country, in coming to Kingsport and establishing a cloth plant wherein they would bleach all their own cloth, both for the Kingsport (Tenn.) and the Norwood (Mass.) plants, and finish about 10,000,000 yards of the less expensive grades of book cloth at Kingsport. A new corporation has been formed, known as the Holliston Mills of Tennessee, Inc., and with which the Kingsport Press has no contact

other than as a large purchaser of their product and the natural interest and contact which comes from an allied industry located in Kingsport and immediately adjacent to our own plant."

#### \$300,000 Bleachery for Oklahoma Mill.

Sand Springs, Okla.—Contract has been awarded to the W. R. Grimshaw Construction Co., Tulsa, for a \$300,000 bleachery at the cotton mill here of the C. R. Miller Manufacturing Co. The building will be \$2 by 368 feet, of reinforced concrete and brick, with maple floors. Construction is expected to be completed within 90 days.

#### May Increase Capital to \$1,400,000.

Greenville, S. C.—At a meeting of the directors of the Southern Worsted Corporation on May 27 a proposition to increase the capital stock of the company from \$1,200,000 to \$1,400,000 will be considered. It is stated that no physical expansion of the mill is contemplated, but that the proposed increase will be used for taking care of expansions already made. B. E. Geer is president of the company.

#### New Jersey Man Buys Gingham Mills.

Stanley, N. C.—The plant here of the Lola Gingham Mills, Inc., has been purchased by J. F. Anderson of Jersey City, N. J., at a reported price of \$120,000. The mills were sold by the Gastonia Insurance & Realty Co. of Gastonia, trustee, under a deed of trust to secure an issue of \$300,000 of bonds of the company. They are equipped with 352 looms for the production of fancy ginghams.

#### Preparing for Southern Textile Exposition.

Greenville, S. C., May 8—[Special.]—At a recent meeting of the directors of Textile Hall Corporation, which is now self-perpetuating under its new charter, the following directors were elected to serve for the ensuing year: John W. Arrington, W. W. Carter, J. F. Gallivan, B. E. Geer, Edwin Howard, John A. McPherson, J. E. Sirrine and William G. Sirrine, of Greenville; S. C. Cason, J. Callaway, Lagrange, Ga.; George H. Lanier, West Point, Ga.; L. W. Robert, Jr., Atlanta, Ga.; Donald Comer, Birmingham, Ala.; Fred O. Tyler, Anniston, Ala.; Robert I. Dalton, Rogers W. Davis, B. Cossett, J. Norman Pease, Charlotte, N. C.; S. F. Patterson, Roanoke Rapids, N. C.; Cartter Lupton, Chattanooga, Tenn., and H. A. Ligon, Spartanburg, S. C.

Plans for the seventh Southern Textile Exposition are being rounded into shape. Applications for space have been so great that the steel building to be erected by the Truscon Steel Company has been twice enlarged. It will measure 60 by 200 feet, and will be immediately alongside the main building, reached by three wide galleries 15 feet long.

Some changes have been made in the balcony, materially improving facilities in that part of the building. The mezzanine room will be used for a men's clubroom. It will be exclusively for the use of visiting mill presidents, superintendents, overseers and other sub-heads of work. Exhibitors will also have cards. The clubroom will be operated by a committee of Greenville citizens.

The following advisory committee has been named: Milton G. Smith, chairman; David Clark, W. R. C. Smith, V. E. Carroll, C. Randolph Bennett, A. H. Cottingham, M. O. Alexander, T. A. Sizemore, W. P. Hamrick, S. M. Beattie, W. P. Porcher and H. R. Fitzgerald.

The F. A. Piper Co., Uvalde, Texas, has sold approximately 400,000 pounds of Uvalde county spring-shear mohair to J. H. Cauthen, Lampasas, Texas.

### GOOD ROADS AND STREETS

#### Long Bridge Over Pee Dee River Replaces Electric Ferry on Important Route.

By Mark M. Trumbull, Assistant Bridge Engineer, State Highway Commission of North Carolina.

On December 16, 1925, the North Carolina State Highway Commission opened to traffic one of the largest bridges in the state. The Morrison Bridge, named in honor of Ex-Governor Cameron Morrison, spans the Pee Dee River on Route 20, the Wilmington-Charlotte-Asheville highway, between Rockingham and Wadesboro. It replaces the electric ferry operated on the old highway which crossed the river about one and one-half miles north of the bridge.

The structure is of reinforced concrete throughout, with a total length of 1585 feet. The total cost was \$304,830. There



MORRISON BRIDGE OVER THE PEE DEE RIVER.

are three 200-foot open spandrel ribbed arches over the river with six 50-foot deck girder spans on the east approach and twelve 50-foot deck girder spans on the west approach.

The clear roadway is 20 feet between curbs, widening to 30 feet at each end of the bridge, with a wearing surface of asphaltic concrete (Topeka). The height from crown of roadway to surface of water is 50½ feet. Solid rock foundations were encountered at every pier site.

There were 6,814 cubic yards of concrete and 762,364 pounds of reinforcing steel used in this structure. The steel was furnished by the Dudley Bar Co., Birmingham, Ala. The cement used, approximately 10,500 barrels, was furnished by the Signal Mountain Portland Cement Co., Chattanooga, Tenn. The sand and gravel, approximately 3400 cubic yards and 6800 cubic yards, respectively, were furnished by Hedrick & Wade Co. of Pee Dee, N. C.

Bids for the bridge were opened on March 25, 1924, with the Hardaway Contracting Co. of Columbus, Ga., as low bidders. The contract was awarded to that company and was signed on May 19, 1924. Work was begun on July 30, 1924, and the entire structure was completed on January 1, 1926.

The structure survey and the preparation of plans were under the direction of W. L. Craven, Sr., bridge engineer, who also acted in an advisory capacity on construction.

J. B. Pridgen, district engineer of the Sixth District, in which the structure was built, was in charge of construction, with C. E. Brown as resident engineer. R. E. Hardaway, Jr., was resident superintendent in charge and J. J. Taylor was superintendent for the Hardaway Contracting Co. There were no subcontractors on this job.

Bids will be received until May 20 by the State Road Department, Tallahassee, Fla., for clearing, grubbing, grading and drainage structures on approximately 14 miles of road in Seminole county.

#### Arkansas Awards Contracts on 32 Miles.

Little Rock, Ark.—Contracts have been awarded by the State Highway Commission for three road projects covering a total of more than 32 miles and to cost in excess of \$140,000. The proposed work will include approximately 6 miles of gravel road in Columbia county and 8.3 miles of similar construction in Ouachita county, J. G. Newkirk of Prescott, Ark., being awarded both contracts at \$11,551 and \$48,213, respectively. Tarrant & Miles of El Dorado, Ark., were awarded contract for grading and drainage structures on 18.4 miles in Union county at \$80,837.

#### Sells \$200,000 of Road Bonds.

Luray, Va.—Page county bonds in the amount of \$200,000 have been sold to the Wells-Dickey Co., Minneapolis, Minn., and A. C. Allan & Co., Chicago, proceeds from the sale to be used for building roads in Shenandoah district. The bonds have been issued under the provisions of the Robertson state road law, in accord with which Shenandoah district will pay the interest for a period of four years. Approximately 7.5 miles of road will be constructed between Shenandoah and Newport.

#### Four South Carolina Roads to Cost \$400,000.

Walhalla, S. C.—An agreement has been reached between officials of Oconee county and the State Highway Department, Columbia, for the construction of four sections of road in the county at a total cost of \$400,000. Roads to be built include one from Fair Play to Knox's Bridge to cost \$10,000; from Clemson College to Seneca, \$270,000; from Westminster to the Georgia line by way of Long Creek, \$60,000, and from Walhalla to the Georgia line by way of Mountain Rest, to cost \$60,000.

#### North Carolina Contracts Total \$2,500,000.

Raleigh, N. C.—Road and bridge contracts approximating \$2,500,000 have been awarded by the State Highway Commission, the proposed work to embrace more than 150 miles of highway and a number of bridges. Of the total mileage, 68 miles will be hard surfaced at a cost of \$1,617,230, while there will be about 86 miles of grading and drainage work to cost \$568,917. Bridge construction will cost approximately \$243,000.

#### 42 Miles of Texas Roads to Cost \$257,000.

Austin, Texas.—Low bids submitted to the State Highway Department, Austin, Texas, for the construction of five road projects, embracing a total of approximately 43 miles, indicate that the work will cost over \$257,000. The proposed work will include two projects covering a total of 9.548 miles of grading and drainage, two projects embracing a total of 34.141 miles of bituminous macadam surfacing, and another project of 9.22 miles of gravel surfacing.

#### Maryland Awards 25 Miles at \$295,000.

Contracts have been awarded by the State Roads Commission, Baltimore, for road work covering approximately 25 miles and to cost about \$495,000. Construction will include 2.66 miles of concrete highway, to cost \$59,987; 19.13 miles of concrete shoulders, \$182,826; 2.1 miles of grading and drainage structures, \$28,059; .54 mile of macadam, \$10,748, and 1.5 miles of gravel to cost \$13,191.

### Long-Leaf Pine.

By EARL DIONNE, New Orleans.

#### Article III.

Again we take up our theme: Long-leaf pine is the strongest softwood in the world. Again we state that our reason for speaking this way about it is that long leaf has not got its proper recognition in the building world. Price has governed the purchase of lumber in too great a degree, with resulting loss to both producer and builder.

If the builder knew that by selecting dense long-leaf pine for certain purposes he would have a timber that would resist more strain and decay and last longer under it than any other softwood he could get, he would, or should, be glad to pay a premium to get that particular wood. That would improve the prosperity of the seller, and through him the entire South would be better off, as long leaf is a strictly Southern product.

Today long leaf has its years numbered. I do not mean that long leaf is gone, or will be gone in a few years, but I do mean that every tract of long leaf in the South is known. estimated, and the year it will be cut out is pretty well determined. It cannot be replaced. We will, of course, always have long leaf of some sort, but modern man cannot wait for Nature to take a century or two to produce for him this particular wood. He is going to have a faster-growing long leaf, a splendid wood, but I do not believe as good as the "old-time" tree that grew in spite of wind and weather, forcing its slow way up through its competitors for light and air.

I heard an eminent speaker say recently that what made an eagle an eagle was that Nature tossed him loose and said to him: "Now, Eagle, it's up to you. You'll have to win your own way, find your own breakfast and dinner and supper, and fight the wind and the storm. Don't depend on Congress, or the Community Chest or the Ladies' Aid Society." And that is what made a long leaf a long leaf. It was not handnurtured. It received no aid. It held its own against the storms of nature and the fires of man, and it came out one of the greatest gifts of Providence to the South.

If we can make long leaf take its proper place, it will be a true conservation. If we can induce the builders to use, instead of a short leaf or a fir stick which lasts eight years under stress and exposure, a long-leaf stick that will last 15 years, we certainly will have done the world a service. And long leaf will do just that. This is not a derogatory statement against any other wood; each has its place, like men. But, where stress is to be withstood, long leaf is the best.

Ponder this table from Bulletin No. 556, United States Department of Agriculture:

Timber.	Weight Green air	
Ash (white)	51	44 10,800
Birch (yellow)	58	44 8,600
Elm (white)		35 6 900
Maple (red)		37 7.800
Oak (white)		48 8,300
Douglas fir, Montana-Wyoming	34	30 , 6,400
Douglas fir, Wyoming-Oregon	38	34 7,800
Pine (L. L.)		42 8,700
Pine (S. L.)		38 8,000
Dina (white)		27 5 300

(To make it plain, modulus of rupture means breaking strength, the force applied to make the fibers break.)

Of the list of woods, only one, white ash, exceeds long leaf in breaking strength. White ash shows through the series of tests in this bulletin to have it "on" long leaf, but white ash is not a competitive wood because of its limited supply. Yellow birch exceeds it in four tests out of seven, but in breaking strength, the important test, long leaf exceeds in spite of the fact that it is lighter. Douglas fir does not exceed It in any one of seven tests. White pine, of course, does not take precedence in any.

Here's another mighty interesting table. In Technical Notes No. 147 of the Forest Products Laboratory they compared certain woods with forest-grown white ash, using the ash as standard, or 100 per cent:

	Strength as beam		Shock resisti-	
Conifers.	or post	Stiffness	bility	Hardness
Spruce-Sitka	69.5	94.1	63.3	44.9
Douglas fir	95.7	122.1	59.9	58.3
Pine, long leaf	. 112.2	122.1	77.7	74.8
Pine, loblolly	93.7	105.6	71.0	60.0
Pine, short leaf	94.1	100.6	69.7	64.0
Western white pine	75.5	99.7	53.8	37.0
Western yellow pine	67.0	75.6	42.9	41.0
Spruce-Sitka	69.5	94.1	63.3	44.9

Fir is today becoming the greatest competitor of long-leaf and other pines because it can be obtained in large-sized, long sticks, and because it is just becoming available in markets which have been dominated by pine. In the recept past pine has lost many orders to this newer Western wood, but we regret, and the fir folks will probably regret, that the orders were placed on price alone. Fir is entering a new market, it must fight its way, and it is plentiful. Fir stumpage, the price of the trees, is low—one can buy worlds of it for \$2, \$3, \$4 per 1000 feet. One cannot buy long-leaf stumpage at all, or if he could the price would be nearer \$15 a 1000 than \$10. Long leaf cannot afford to sell for a low price. The mill men know that it is cheaper to keep the birds singing in the virgin trees than to cut those trees and lose money, or fail to make a proper return.

Fir is here for many years; long leaf, as we have said, has its days numbered. Why cut those remaining trees, those unreplacable trees, to make a building holiday?

#### Week's Lumber Movement Larger.

Washington, May 6—The lumber industry reports another "high" for 1926. The National Lumber Manufacturers Association received telegraphic reports today of the status of the lumber industry for the week ended May 1 from 381 of the larger softwood and 115 of the chief hardwood mills of the country. The 367 comparably reporting softwood mills totaled slight decreases in production and shipments and a gratifying increase in new business in comparison with reports for the week before, when 31 more mills reported—implying an actual gain in all factors. When compared with reports for the same period last year, when 384 mills reported, increases were noted in all three items. The hardwood operations showed decreases in all three factors in comparison with reports for last week, when, however, 36 more mills reported.

The unfilled orders of 237 Southern Pine and West Coast mills at the end of last week amounted to 709,538,390 feet, as against 738,617,483 feet for 236 mills the previous week. The 128 identical Southern Pine mills in the group showed unfilled orders of 281,089,060 feet last week, as against 282,628,704 feet for the week before. For the 109 West Coast mills the unfilled orders were 428,449,330 feet, as against 455,988,779 feet for 108 mills a week earlier.

Altogether the 367 comparably reporting softwood mills had shipments 105 per cent and orders 99 per cent of actual production.

Of the reporting mills the 337, with an established normal production for the week of 224,821,456 feet, gave actual production 104 per cent, shipments 113 per cent and orders 104 per cent thereof.

### **MECHANICAL**

#### Governor-Controlled Jack.

A late development in high-speed jack design which, according to the manufacturers, embodies many features that have never before been available in jacks of this type is seen in the new Duff governor-controlled self-lowering jack, designed and manufactured by the Duff Manufacturing Company of Pittsburgh. The principle of governor control of lowering



VIEW OF JACK.

speed of lifting jacks is described as entirely new and an exclusive Duff patent. The governor, it is stated, absolutely controls the lowering speed and insures safety under all conditions. It is claimed that the importance of this feature when two or more jacks are used together under locomotives, cars or other loads cannot be overestimated; the jacks will lower the load with uniform speed. The governor makes it impossible for one jack to lower more rapidly than another, thereby eliminating tipping or an uneven lowering of the load.

Aside from mechanical superiority and efficiency, the rated capacities of

these jacks are said to be very conservative, with an ample factor of safety. Under practical operating conditions the Duff 25-ton governor jacks have been successfully used for raising loads which could only with difficulty be handled by some other jacks of this type rated at 35 tons.

Among the important features of this new jack are dropforged steel top; no turning of standard, as an oversized key prevents this; no sink-back, as a holding clutch with three drop-forged, heat-treated steel pawls holds all the raise with each stroke; governor control; ease of operation; positive lock holds the load; going beyond safety limit of raise is prevented by a positive stop, etc.

These jacks are made in rated capacities of 15, 25, 35 and 50 tons, respectively.

#### New Curb and Gutter Form Device.

A new face-rail clamp recently developed by the Heltzel Steel Form & Iron Co. of Warren, Ohio, is another step forward in curb and gutter form development.

This clamp, or overhead hanger, as it is sometimes called,



HOW THE FACE RAIL CLAMP IS USED.

is made with hook bolts on both ends which hook down ofto the top flanges of the front and back rails. A long wing connected with the face-rail clamp extends through a slot in the top of the face rail, extending down its entire depth, and prevents the face rail from spreading. Near the top of this wing is a small piece of angle iron which rests on top of the face rail, preventing it from creeping up and giving clearance under the face-rail clamp for the use of finishing tools.

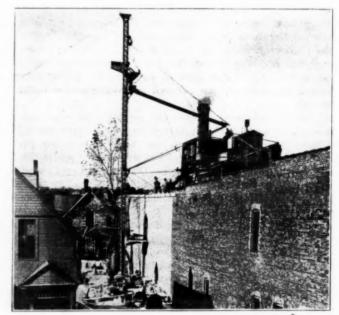
The division plate is made with long wings on each end which hook down through slots in the front and back rails, preventing them from spreading.

This make of curb and gutter form is in use in many large city jobs the country over, and has made some remarkable records for speed and efficiency in construction.

#### Mast Hoist Plants on Concrete Work.

Last year the Insley mast hoist plants with 14-cubic-foot buckets came into favor on construction jobs having a yardage of from 4000 to 10,000 cubic yards of concrete. With the idea of extending their use on that class of work, and making them more universally applicable to the average concrete job, the Insley Manufacturing Company, Indianapolis, Ind., have developed a new mast hoist plant, using a 21-cubic-foot tipover type bucket, and a 40-foot boom and 40-foot counterweight plant.

The steel mast is made in two sizes, the heavier of which will carry the 21-foot bucket, and a 40-foot boom and counterweight plant, and the lighter, or standard, mast for use with



A MAST HOIST PLANT IN OPERATION.

a 14-cubic-foot bucket, and simpler arrangements of chutes. Both buckets are of the tip-over type, and are especially adaptable for use with stiff concrete, the use of which is increasing daily. Each bucket has a set of dumping rollers on the right-hand front corner, which engages a switch on the hopper-connecting chute, thus automatically dumping the bucket at whatever point the receiving hopper is located. A feature of this arrangement is the fact that the bucket rollers can pass through the dumping switch, and the bucket can travel on up the mast, in the event the engineer fails to stop at an exact point. Upon being lowered, the rollers pass through the switch again and the bucket rights itself.

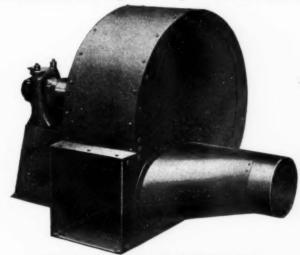
The receiving hopper and, in the event they are used, the entire boom and counterweight plant, are mounted on a sliding frame and can be moved as a unit up or down the face of the mast to any point desired.

A large material elevator is furnished with this plant which operates on the opposite face of the mast from the concrete bucket, and is useful for hoisting brick, mortar and other materials commonly requiring a wood tower with an elevator cage.

#### Exhaust Fan Without Center Inlet.

In the accompanying picture is shown one of the "Connecticut Everlasting" exhaust fans, which have a projected inlet adjacent to the discharge outlet, instead of a center inlet as in ordinary fans. All material is immediately discharged without passing through the wheel or around the housing. Therefore, as the housing and wheel are not subjected 10 wear, they last a lifetime. They are manufactured by the Connecticut Blower Corporation, Hartford, Conn.

These non-center inlet exhaust fans, according to the manufacturers, will require no expenditure for either new



EXHAUST FAN WITH NON-CENTER INLET.

housings or new wheels. The specially constructed wheels force the air centrifugally to the opposite side of the housings. The air, passing the projected inlet, causes a high siphonic suction. Pressures up to 12 inches of water (6.92 ounces) are obtainable.

These machines are built almost entirely of steel, including the housing, bearing standard and wheel, and are practically indestructible. They are high-grade throughout, ingeniously devised and solidly constructed. Lightness, strength, rigidity, quality and finish have been combined with the elements of durability and adaptability to continuous operation.

They are of an exclusive adjustable and reversible type, and each machine is adjustable to over thirty different combinations. They may be placed on the floor or other suitable foundation, or else be reversed and bolted direct to overhead timbers, saving the cost of building a platform. The discharge outlet may be adjusted to point in any desired direction. Either upright or suspended machines may be changed and adjusted with equal convenience.

They will handle any kind of material that can be conveyed by air.

#### A Suggestion About Indebtedness of France to United States.

Haggard, Jennings, Wright & Burn, Attorneys-at-Law.

Rockwood, Tenn.

Editor Manufacturers Record:

The communication of P. J. West, published in your issue of March 4, in which it is suggested that France pay its indebtedness by ceding certain colonies, is very timely.

For French Guiana, French West Indies, French Oceania and New Caledonia several times their present worth could be paid by the United States. Such an arrangement would obviate, to a certain extent, the talk of cancellation or repudiation of France's debt to this country.

HARRY T. BURN.

#### Commendations, Kicks and Comments

### We Wish Every Southern Banker Would Follow This Good Example.

G. W. NEVILLE, Cashier, the Bank of Dunnellon, Dunnellon, Fla.—I am handing you herewith our check for \$10 to renew our subscription for two years. We do not feel that we can be without your valuable publication. We feel that you are doing more for the South than any magazine that is being published at this time.

#### Thinks Distribution of a Certain Prohibition Letter Would Do Good.

GEORGE H. PAYNE, the George Hardy Payne Studios, Inc., Paterson, N. J.—The reprints of Mr. Watson's letter were received all O. K., and I am sending them out where I believe they will do much good. I believe a notice published in the Manufacturers Record stating that you have these reprints for sale at \$8 a thousand, urging business men to mail them out with their correspondence, will do a lot of good.

You will be interested to know that one clergyman of our city to whom I have been sending clippings from the Manufacturers Record told me the other day he thought it was wonderful that a business journal publishes so much of a religious and moral character. So the Manufacturers Record is being appreciated and by many people.

#### He Makes Us Blush.

E. P. Carstens, The Hearne Dry Goods Co., Ltd., Shreveport, La.— Enclosed please find card for two years' subscription in advance and check in payment.

This is a two-year renewal to the Manufacturers Record, a publication for which I am proud to be a subscriber. Not only is your journal an exponent of America, but your editor, Richard H. Edmonds, is to my mind one of the great Americans. Would that we had more like him in this great country of ours. Not only is he a forceful, intellectual writer, but he is a consistent Christian American citizen. It is mighty hard for one to come up to such specifications, and I think in Colonel Edmonds we have truly an example for Americans. In this day and time, when a great many of us preach one thing (and most of us are good preachers), we find him practicing what he preaches. Too often do we tell the other fellow to do it, but when it comes to doing it ourselves "that's another thing."

You are doing a great work for the South, you are doing a great work for America, you are doing a great work and setting an example for the youth of our country. Good luck to you and best wishes.

#### Why Didn't He Stop At the End of the First Paragraph—That Is Good. As to the Rest, Does He Think General Pershing and Thousands of Others Are Wholly Wrong in Favoring Cancelling or Modifying These Debts?

OLIVER CARTER, Carter's Production Works, Wilmington, N. C.— The MANUFACTURERS RECORD is a wonderful publication, deserving the support of the entire country and the South in particular.

In view of your stand in regard to the World War debts I must discontinue my subscription, not because your views are not in accord with mine, but because you seem to have lost your head over this matter. You do not realize just how much we are in debt or you must have lost your full supply of love for America.

Take all the towns, counties, cities and states in the Union and

Take all the towns, counties, cities and states in the Union and you will find them hopelessly in debt. Show me one community in America that can pay its debts, or come as near paying them as our Allies can theirs, and I will take off my lid to Mr. Edmonds. In addition to these debts that we will have to pay, our National Government owes a little bill, too, that it will take us 60 years to pay if we pay \$315 every minute, day and night.

Now, Mr. Edmonds, can you look the American people straight in the face and tell them that they should give our Allies \$90 for every man, woman and child in this country, knowing, as you do, that we have dumped a good part of our natural resources over there?

Can you conscientiously tell the American people that they should give Europe \$1 per minute for every minute, day and night, for 18,000 years?

Can you lay the slightest claim to any love for or interest in the coming generations when you advocate and hysterically urge those now controlling our destinies to burden us for 300 years with a daily tax of \$90.720 for Europe? Do you know what we spent and what the war—you seem to think was our affair—cost America in men, material and natural wealth? If you do, then ask the American people to forgive you or move to Europe.

### CONSTRUCTION DEPARTMENT

Additional information is published about all enterprises mentioned in this department as soon as such data can be obtained.

An asterisk (\*) following an item indicates that the enterprise has been reported in a preceding issue.

#### DAILY BULLETIN

The Daily Bulletin is published every business day to enable its subscribers to follow up promptly the industrial, commercial, railroad, financial, building and general business development of the South and Southwest. To machinery manufacturers and dealers, contractors, engineers, and others who require daily information of every new enterprise organized and details about important additions to enterprises already established, the Daily Bulletin is invaluable. Subscription price, \$30.00 a year.

#### Bridges, Culverts and Viaducts

#### Proposed Construction

Ark., Batesville — Independence County plans bridge across White River at Ramsey Ferry, near Batesville. Address County Commrs.

Ark., Little Rock—Commrs. of Main St. Viaduct Dist., North Little Rock, receive bids May 18 for viaduct across railroad yards between Eighth and Jacksonville Blvd.

Fla., Ocala—Marion County Commrs. plan bridge over Oklawaha River on Ocala-Day-tona Beach Highway.

Fla., West Palm Beach—Palm Beach County plans 2 bridges. See Roads, Streets, Paving.

Ga., Dalton—Whitfield and Murray Counties Commrs, receive bids in July for permanent steel and concrete bridge over Conasauga River at Looper Farm.

Ga., Sylvania—Burton's Ferry Bridge Assn. organized; G. T. Sharpe, Pres.; interested in Burton's Ferry Bridge across Savannah River in Screven County.

La., New Orleans—City, Wm. T. Hall, Acting Commr. of Public Finances, receives bids May 18 for 2 bridges: Complete Canal St. viaduct between river and Front St.; build vehicular bridge over outfall canal on Behrman Ave., in Algiers, La.; plans from Pur. Agt.

Pur. Agt.

La., New Orleans—Pontchartrain Bridge
Co., Eli T. Watson, Chmn., plans Watson-Williams Bridge across Lake Pontchartrain, cost \$5,500,000; also plans 5 ml. asphalt topped approaches each side of bridge.

Md., Cumberland—Baltimore & Ohio R. R. Co., H. A. Lane, Ch. Engr., Baltimore, plans repairing Fayette St. Bridge; Ralph L. Rizer, City Engr.

Miss., Pascagoula—Jackson County Board of Supvrs., K. W. Burnham, Pres., plans bridges over Pascagoula and Escatawpa Rivers, at Pascagoula and Moss Point, cost about \$275,000. See Financial News—Bond Legace, Papers 4 Issues Proposed.

Miss., Yazoo City.—Yazoo County Board of Supvrs., Helen Griffin, Clk., received low bid from Austin Bros. Bridge Co., Mickleberry St., Atlanta, Ga., at \$100,000, for construction, maintenance and operation of 986 ft. toll bridge over Yazoo River, at or near Satartia.\*

Mo., Cape Girardeau—E. C. Hackett, Sec. Chamber of Commerce, advises: "A charter for a bridge has just been granted to the Cape Girardeau Chamber of Commerce and we are now taking steps toward financing same."

North Carolina—State Highway Dept. will build 2 bridges. See Roads, Streets, Paving. Oklahoma—See Roads, Streets, Paving.

Okla., Waurika—Charles L. Moss, A. Harris and T. C. Shattuck, Duncan, Oklaplan bridge over Red River from Jefferso County, Okla., to Texas.

South Carolina-See Roads, Streets, Pay-

S. C., Anderson—Blue Ridge Ry, Co., B. M. Allen, Engr., Maint. Way, Washington, D. C., plans improving Seneca River trestle; approximate cost \$50,000.

proximate cost \$50,000.

S. C., Charleston — Cooper River Ferry Comn., Ferry Wharf, foot of Cumberland St., A. O. Halsey, Chmn., receives bids May 15 to build steel foot bridge and repairs to Charleston Terminal and build wooden foot bridge with necessary approaches on Mount Pleasant Terminal; plans on file and from Dawson Engineering Co., Inc., Civil Engrs., 21 Broad St.

Tex., Abilene-Taylor County, Carlos D.

Speck, County Judge, received low bid from Sullivan & Davis, Granger, at \$44,144 for 4 bridges over 20-ft. span on Highway No. 1, Abilene to Taylor County line: 100-ft. Raney Creek; 159-ft. Cedar Creek; 34-ft. Cedar Creek relief; 185-ft. Lytle Creek.\*

Tex., Bellville—State Highway Comn., Hal Moseley, Chmn., Austin, plans 60-ft. bridge over Dead Man's Creek.

over Dead Man's Creek.

Tex., El Paso—El Paso Electric Co. and El Paso and Juarez Traction Co. plan electric railway, vehicular and foot bridge at or near South Santa Fe St.

Tex., Floresville—Wilson County, C. B. Stevenson. County Judge, plans \$70,000 bridge across Cibolo River; Fred E. Howe, County Engr.

Tex., San Antonio—City, John W. Tohio.

Tex., San Antonio—City, John W. Tobin, Mayor, receives bids soon for about 75-ft. steel municipal bridge across San Antonio River at Villita St., estimated cost \$30.000; reinforced concrete plers, floor slabs; I. Ewig, City Engr.

Tex., Wichita Falls—Wichita County, P. Walsh, County Auditor, receives bids M 24 for quadruple 10-ft.x8-ft. reinforced cerete bridge over Holliday Creek, on Harson St. and Park road connection; J. Isbell, Engr.

West Virginia—State Road Comn. will build bridges. See Roads, Streets, Paving. • 5 bridges.

W. Va., Clarksburg — Monongahela West Penn Public Service Co., G. M. Alexander, Pres., Fairmont, plans highway bridge over trolley at Lyon stop, on Fairmont-Clarksburg

W. Va., Mannington—City, R. Emmett Mockler, Clk., plans bridge over Buffalo Creek, at Clarksburg and Water Sts., and retaining wall.\*

#### Contracts Awarded

D. C.. Washington—North Carolina Granite Corp., Mount Airy. N. C., reported awarded contract for granite for superstructure of Arlington-Memorial Bridge; Stone Mountain Granite Corp., Stone Mountain, Ga., reported awarded contract for granite for substruc-ture.

a., Atlanta—M. R. Woodall Construction Walton Bldg., awarded contract at about 000 for concrete abutments for Forrest underpass. Ga \$14,000

Tex., Plemons—Hutchinson County, W. R. Goodwin. County Judge, let contract to Austin Bridge Co., 1815 Clarence St., Dallas, at \$135,000 for 2476-ft. steel bridge, 80-ft. steel spans on reinforced concrete and steel

piers.

W. Va., Morgantown—Monongalia County Court, W. L. Sparks, Pres., let contract to Baker & Coombs, 325 Demain Ave., at \$11,708 for 80-ft. span pony truss concrete and steel bridge over White Day Creek, Smithtown, Clinton Dist., concrete roadway, macadam approaches; A. J. Baritell, County Road Engr.\*

#### Canning and Packing Plants

Fla., Frostproof—Highlands Packing Co., capital \$30,000, incorporated; J. W. Keen, Pres., will erect packing plant on I St.; 5-car capacity; machinery ordered.

Ky., Paducah—McCracken County Farm Bureau, Charles Rottgering, Pres., will es-tablish packing plant.

Okla., Vinita—Akin Brothers Canning Co., capital \$10,000, incorporated; S. L. Smith. Vinita; H. P. Akin, Seneca.

#### Clayworking Plants

Ala., Gadsden—Gadsden Clay Products Co. reported planning erection of oblong kiln, capacity 300,000 shale brick.

Fla., Manatee—Geo. E. Dunan, Box 1494, Bradenton, is erecting plant with daily capacity 30,000 brick; frame, iron roof and sides, concrete floors, iron roof, cost of building \$7500; cost of equipment \$35,000; will install brick machinery, boilers, engines; material handling equipment, Hadfield-Penfield Steel Co., Bucyrus, Ohio, and J. S. Schofields Sons Co., Macon, Ga., machinery contractors. (See Machinery Wanted—Hoisting Engine; Drag Line Bucket; Motor Trucks.)\*

Mo., St. Louis—Sebring Pottery Co., Sebring, Ohio, advises will not establish branch plant in St. Louis, as lately reported.

Tex., Houston—Houston Brick & Supply Co., capital \$20,000, incorporated; Lloyd Feland, G. J. Feland.

#### Coal Mines and Coke Ovens

Ala., Cordova—Alabama By-Products Corp. reported making plans to increase production of Ruby mines to 2000 tons daily.

Ky., Corydon—The Watts Coal Co., capital \$20 000, incorporated; Alex Watts, Wm. Kav-anaugh.

#### Concrete and Cement Plants

Fla., Miami—Campbell-Whitaker Co., 501
S. W. Third Ave., has permit for \$10,000
cement block plant, 501 S. W. Third Ave.,
steel frame; construction by Truscon Steel
Co., Youngstown, Ohio.

Md., Hyattsville—Fowler-Baker Corp.,
capital \$100,000, chartered; L. T. Baker,
Charles D. Fowler.

Okla., Oklahoma City—Harter Marblecrete Bldg. Co., 1608 W. Main St., increased capital to \$25,000.

Tex., Gonzales—Gonzales Cement Works, Inc., increased capital, \$40,000 to \$65,000.

#### Cotton Compress and Gins

Ark., Fort Smith—People's Compress & Warehouse Co., capital \$250,000, incorporated; A. J. Matthews, M. M. Matthews.\*

La., Monroe—Standard Gin and Manufacturing Co., capital \$50,000, incorporated; J. T. Austin, 403 Jackson St.

T. Austin, 403 Jackson St.

Okla., Muskogee—James M. Pierce, 1411
Railway Exchange Bldg., will construct \$55,000 cotton gin on Cincinnati St.

Tex., Chicota—Chicota Gin Co., chartered;
M. M. Saint, W. J. Apple.

Tex., Edinburg—Peoples Gin Co., capital
\$20,000, incorporated; B. H. King, W. S.
Braden.

Tex. Geografown—L. C. Trochts, Galves.

Braden.

Tex., Georgetown—J. C. Trochta, Galveston, acquired Waterloo gin.

Tex., Houston—Houston Compress Co., J. V. Scott, V. P., Cotton Exchange Bldg., reported to build extension to Long Beach plant and erect 800-ft. wharf; concrete wharf with necessary dredging will cost \$225,000; structural steel warehouse, 250x600 ft., 15 ft. high, 120,000 sq. ft. floor space, equipped with automatic sprinkler system; cost \$75,000; increase storage capacity of warehouse to 25 000 bales, additional unloading capacity of 2000 bales on platform; Don Hall Construction Co., Cotton Exchange Bldg., has contract for rear shed extension, cost \$65,000.

Tex., San Benito—Landrum Gin Co. in-

Tex., San Benito—Landrum Gin Co. in creased capital, \$20,000 to \$40,000.

Tex., Spur—Williams & Baker Gin Co. incorporated; M. L. Williams, J. W. Baker.
Tex., Taylor—Farmers Gin, E. B. Martin,
Mgr., will remodel and enlarge plant, install
five 80-saw gin, double present capacity

Tex., Winters—Williams & Ashburn Gin o. incorporated; Amos Williams, M. L. Wil-

#### Cottonseed-Oil Mills

Miss., Moorhead—Planters Oil Mill, M. R. Jones, Gen. Mgr., Clarksdale, reported let contract to Mississippi Power & Light Co., Jackson, to electrify plant, install 600 h.p. motors.

#### Drainage, Dredging and Irrigation

Fla., Bradenton—Manatee Valley Drainage Dist., G. B. Knowles, First Natl. Bank Bldg., receives bids May 31 for construction of main laterals and other work in plan of reclamation; McElroy Engineering Co., Ch. Engr., Tampa; M. D. McElroy, Sec., 32 Glddens Bldg., Tampa. (See Machinery Wanted—Drainage.)

Fla., Melbourne—City Comsn. authorized survey of Crane Creek for development of yacht harbor.

Fla., Miami-See Miscellaneous Construc-

tion.

Fla., Venice—The Venice Co. advises let contract to Geo. A. Fuller Company, News Tower Bldg., Miami, for dredging Venice Bay, which extends into Venice property about 2 miles; first mile being reserved for villa sites; second mile for deep water possibilities in concetion with Seaboard R. R.; dredging of Bay to Gulf through Casey's Pass executed only under Government sanction; plans for George water harbor being prepared by Gen. W. M. Black.

W. M. Black.

Tex., Fort Worth—Major John B. Hawley, in charge of survey of the Tarrant County Water Control and Improvement Dist. No. 1, plans constructing reservoirs on Trinity river, to impound water for municipal and industrial use, for irrigation and flood control. See Financial Neews—Bond Issues proposed. oseed.

Tex., Houston—H. L. Washburn, Harris County Auditor, Drainage Dist. No. 6, will deepen and widen Hunting Bayou; receives bids May 17; Howe & Wise, Engrs., First National Bank Bldg. (See Machinery Wanted—Drainage.)

#### Electric Light and Power

Large sums are being expended for elec-tric light and power work in connection with Land Development operations. Détails will be found under that classification.

Ala., Ensley — Birmingham Electric Co., Birmingham, reported completed survey for white way for Ensley and Fairfield. Ala., Fort Payne—Civitan Club reported interested in white way for business section.

Ala., Luverne—City will install white way system. Address The Mayor.

Ark., Blytheville—Arkansas-Missouri Power Co. reported plans power plant to supply communities in northeast Arkansas.

Ark., Luxora—Missouri and North Arkansas Light & Power Co. reported acquired Luxora Light and Water Co.'s plant.

Ark., Yellville—Elmer Smith, Little Rock, representing Couch interests, reported to construct dam, 70 ft. high.

Fla., Jacksonville—City received bid at \$45,838 from General Electric Co., Schenectady, N. Y., for switchboard equipment in 3 substations.\*

Fla., Vero Beach—City will erect addition to light and water plant. See Financial News Bond Issues Proposed.

Ga., Atlanta—Georgia Railway & Power Co. will erect \$70,000 substation; 2 stories, brick and concrete.

Ga., Hawkinsville—Hawkinsville Light & Power Co. will rebuild burned power plant.
Ga., Savannah—Savannah Electric & Fower Co. will erect addition to plant on River and W. Broad St.; cost \$250,000.\*

Ky., Murray—City, Tom M. Stokes, Mayor, sold electric light and water plant to J. G. White Interests, National Bank of Rochester Bldg., New York City.

La., Welsh—City, John W. Armstrong, Mayor, receives bids May 18 for 2 story, face brick and stone trim power plant; concrete floors, steel joints, steel sash and doors built-up composition roofing, plumbing and electrical installations; Ye Planry, Inc., Archts., 1713½ Live Oak St., Dallas, Tex.\*

Mo., Branson—Henry L. Doherty & Co.,

Mo., Branson—Henry L. Doherty & Co., 60 Wall St., New York, reported acquired Taney Light & Water Co.'s plant, also acquired franchises in Branson, Hollister and Forsyth and 7-mile transmission line.

Mo., New Madrid—City reported to install \$65,000 sanitary sewer.

Mo., St. Louis—Missouri General Utilities Co. petitioned State Public Service Comsn., Jefferson City, for authority to issue \$350,-000 first mortgage 20-yr. 6% bonds.\* Mo., St. Louis—John J. Clark Construction Co., Arcade Bldg., lowest bidder for 3 sub-

stations.

. C., Edenton—Virginia Electric & Power Richmond, Va., reported to install power

N. C., Kernersville—City considering sale light plant to Southern Public Utilities

N. C., Norwood—Electric Bond & Share Co., 71 Broadway, New York, advises that hydro-electric plant of Carolina Power & Light Co., to be built on Yadkin River near Norwood, will be constructed by Phoenix Utility Co., part of organization of Electric Bond & Share Co.\*

N. C., Wilmington—Raymond Hunt, Mgr., Tide Water Power Co., will extend trans-mission line now being constructed between Wilmington and Carolina Beach to Wilming-ton Beach. ton Beach.

S. C., Six Mile—Town, E. M. Bolding, Mayor, is constructing electric line.

Tenn., Dunlap—Sequatchie Valley Power & Light Co. reported has 20 yr. franchise; construct transmission lines.

Tenn., Knoxville—City contemplates installing white way on Wall Ave. from Gay to Walnut Sts. Address The Mayor.

Tenn., McKenzie—City Council voted to sell power and water plant to Kentucky-Tennessee Light & Power Co., Bowling Green, Ky.

Tenn.. Rogersville—Kentucky Utilities Co., Louisville, Ky., reported acquired Holston River Electric Co., supplying light and power to Rogersville, Bulls Gap, Whitesburg, Sur-goinsville.

to Rogersville, Bulls Gap, Whitesburg, Surgoinsville.

Texas—State Board of Water Engrs., Austin, granted permission to Syndicate Power Co., Insurance Bldg., Dallas, for erection of 5 hydro-electric power dams on Colorado River, 2 in Travis County and 3 in Burnett County, and received application for 70-ft. dam 1½ miles south of Marble Falls; dams in Travis County are 15 miles northwest of Austin, 3200 ft. long, 125 ft. high to approximate 1,391,530 acre ft. of water and to store 718.429 acre ft.; dam 1102 ft. long, 75 ft. high, five miles east of Tech, to approximate 1,391,530 acre ft. annually, to store 196,708 acre ft.; in Burnett County, dam 690 ft. long, 37 ft. high, eighteen miles west of Lampasas, approximate 1,088,710 acre ft., to store 769,670 acre ft.; dam six miles northeast of Kingsland, 2500 ft. long and 165 ft. high, to approximate 1,225,700 acre ft. annually, to store 331,020 acre ft.; dam 1200 ft. long, 40 ft. high, two and one-half miles southeast of Kingsland. to approximate 1,305,000 acre ft., to store 28,733 acre ft.\*

Tex., Denton—Texas Power & Light Co., Dallas, reported will probably accuire municipation.

Tex., Denton—Texas Power & Light Co., Dallas, reported will probably acquire municipal power and light plant.

Tex., Floresville—Lone Star State Power o., incorporated; J. B. McCabe, W. A.

Tex.. Goliad—Texas Central Power Co., Frost National Bank Bldg., San Antonio, re-ported to construct electric light and power plant.\*

Tex., Houston—Houston Lighting & Power Co., Hiram O. Clarke, Asst. Mgr., reported to begin construction in 30 days on additional 25,000 kw. unit Deepwater plant; cost \$2,000,000; Texas Construction Co., Contrs.\*

Tex., Nacogdoches—City voted to sell electric light and power plant to Texas Power & Light Co., Dallas.\*

Va., Luray—Page Power Co., Miller A. Roudabush, Pres., Stanly, reported to erect dam, develop 1400 h.p., cost \$150,000.

Va., Richmond—Graybar Electric Co. has contract for street lighting at Windsor Farms, cost \$25,000.

#### Flour, Feed and Meal Mills

Tenn.. Clarksville—E. E. Laurent, Hurst-Boilin Co. and others reported acquired Dun-lop Milling Co.

Tenn., Pikeville—Bledsoe County Milling o., capital \$15,000, incorporated; E. A. Lee, H. Hale.

Tex., Dallas—Perry Burrus Elevators, capital \$225.000, incorporated; J. C. Crouch, 900 N. Madison St.

#### Foundry and Machine Plants

Fla., Milton—Lewis T. Kline of Alpena, Mich.. reported establish plant to manufac-ture lathes and other woodworking machin-ery; acquired 6-acre site in East Milton.

Ga., Rome—Rome Stove & Range Co., John M. Berry, Pres., reported expending \$50,000 on new machinery, patterns, etc., increasing capacity 50%; let contract to Ingalls Iron Works, 720 Ave. D. Birmingham, Ala., for 60x308-ft. warehouse adjoining main foundry building; steel, concrete and glass, metal roof, fireproof.

Mo., Kansas City—Filling Station Machin ery, etc.—Kansas City Filling Station Supply Co., capital \$10,000, incorporated; S. D. Collins, 3632 Garfield St.

Mo., 204 St. Joseph—Grindle Electric Welder 4 Edmond St., incorporated; R. Co., 204 Shepherd.

Mo., St. Louis—Garage Equipment, etc.—Chapman Tool & Manufacturing Co., incorporated; E. F. Niehaus, O. H. Ebmeyer.

N. C., Asheville—Asheville Supply & Foundry Co., Eagle St., acquired 22-acre site along Southern Railroad as tentative site for new foundry building.

Tex., Houston—Oklahoma Steel Castings Co., Ernest H. Cornelius, Pres., Tulsa, Okla., will soon begin first unit of foundry, estimated cost \$220,000, other units to be built as needed; all buildings will be heavy built as needed; all buildings will be neavy mill type construction, structural steel, reinforced concrete and brick; main structure to be 110x160 ft., 50 ft. high; pattern shop and storage building, 40x160 ft.; warehouse and machine shop, 20x50 ft., and office building, 30x50 ft.; plans call for completion within 60 days.\*

Tex., Houston—Texas Electric Steel Casting Co., incorporated; E. R. Spears, 609 Cahoun St.

W. Va., Huntington—La Lance Equipment Co., S. Wirt La Lance, Pres., 713 Second Ave., reported, acquired the Huntington Im-plement Co. at 745 Third Ave.; will operate.

#### Gas and Oil Enterprises

Ark., El Dorado—Calgo Oil Co., capital \$10,000, incorporated; Daniel Brooks, H. N. Spofford.

La., Monroe—Wright Drilling Co., capital \$25,000, incorporated; J. W. Wright, El Dorado, Ark.; A. B. Myatt, 411 Colypso St., Monroe.

Monroe.

Md., Baltimore—Newton Oil Reclamation Corp., authorized capital \$12,500,000, chartered; Cornelius J. Ferrie, Joseph Thompson, both 120 Broadway, New York.

Miss., Goodman—Goodman Oil Co., incorporated; John F. Allen, J. C. Lindsey.

Miss., Waynesboro—Pan-American Petro leum Co. will construct two 18,000-gal. tanks, construction by owners; Birmingham Steel Co., Birmingham, Ala., materials.\*

Mo., St. Louis—Puritan Oil Co., 35 W.

Mo., St. Louis—Puritan Oil Co., 35 W. erry St., increased capital, \$100,000 to Ferry S \$165,000.

Mo., St. Louis—Shatz-Turner Drilling Co., capital \$25 000, incorporated; N. Shatz, 7254 Lindell Blvd.

Okla., Okmulgee—Eastman Oil Co., capital \$250,000, incorporated; S. M. McMunn, O. S.

Okla., Tulsa—Hilford Oil Co., capital \$10,000, incorporated; B. D. Hilford, David Golden.

Tex., Amarillo-Permian Oil Co., capital \$200,000, incorporated; H. A. Nobles, Wales

Tex., Amarillo—Harvey Oil Co., capital \$150.000, incorporated; H. S. Durham, Wales

Tex., Amarillo—J. K. Hughes Developing Co., Mexia, reported acquired Twin Six Oil properties; expend \$600,000 in development.

Tex., Cisco—Phillips Petroleum Co ported to establish gasoline plant; \$250,000.

Tex., Comanche—C. O. Moore, Cross Plains, will construct \$300,000 main line and city main for natural gas in Stephenville, Dublin and Comanche.\*

Tex., Dallas—Larbao Production Co., capital \$18,000, incorporated; A. T. Darr, 716 N. Bishop St.

Tex., Dallas—Sharon Oil Co., capital \$50,000, incorporated; A. B. Small, Medical

\$50,000, incorporated; A. B. Small, Medical Arts Bldg.

Tex., Fort Worth—Denver Drilling Co., capital \$10,000, incorporated; O. G. Hurdleston, 1808 Hemphill St.

Tex., Fort Worth—Burton Christmas Corp., capital \$200,000, incorporated; H. C. Davis, 1021 Eighth Ave.

Tex., Kirbyville—Magnolla Pipe Line Co., Dallas, reported has site of 39 acres; erect pumping station.

Tex., Latexo—Magnolla Petroleum Co.,

Tex., Latexo—Magnolia Petroleum Co., Dallas, Tex., C. R. Swank, Shreveport, La.,

Pipe Line Supt., reported to construct second unit of pipe line from Latexo to Beaumont.

Tex. Mexia—Crude Oil and Royalty Co., capital \$40,000, incorporated; Robert Simmons, S. M. Pollock.

Tex., Mineral Wells—Agnew & Sons, Inc., consistal \$15,000, incorporated; B. L. Agnew, H. G. Aznew. Agnew.

Tex., Victoria—Houston Natural Gas Co., Houston, C. C. Tucker, Mgr., will install gas system, connect with Houston Pipeline Co.'s main near Guadalupe River.

Tex., Wichita Falls—Production Engineering Corp., capital \$45,000, incorporated; Walter Campbell, Lee Loefler. Victoria-Houston Natural Gas Co.,

#### Ice and Cold-Storage Plants

Ark., Gurdon—The Southern Ice & Utilities o, will erect 40-ton capacity ice plant and orage house.

Ark., Texarkana—A. C. Powers will expend \$12,000 on improvements and additions to plant on E. Broad St., increasing output to 25 tons daily.

Fla. Daytona Beach—Daytona Public Service Co., subsidiary of Florida Power & Light Co., Warren Stoutnour, acting Mgr., First St., has plans for second unit of ice plant; daily capacity 50 tons; third unit to be built later.

Miss., Ackerman—Ackerman Ice Co., capital \$12,000, incorporated; W. S. Moore, Ackerman; J. M. Kyle, Sardis.

Ackerman; J. M. Kyle, Sardis.

Miss., Greenwood—Greenwood Ice & Fuel
Co., capital \$25,000, incorporated; Chas. A.
Zilker, W. W. Johnson.

N. C., High Point—Bynum Ice & Coal Co.,
capital \$75,000, incorporated; J. H. Bynum.
W. H. Robinson.

S. C., Barnwell—Mutual Ice & Fuel Co. capital \$20,000, incorporated; R. C. Holman, R. C. Herndon.

R. C. Herndon.

Tenn., Columbia—Maury County Ice Co.,
Capital \$35,000, incorporated; C. D. Park,
S. B. Stephens, contemplates building ice
plant, E. Seventh St.

Tex., Fort Worth—Fort Worth Ice Manufacturers Assn., chartered; O. T. Clark, 2506
May St.

#### Land Development

Ala., Birmingham—Dewberry Investment Co., incorporated; J. M. Dewberry, 2014 First Ave. N.

Ala., Birmingham — Elizabeth Schmuck Realty Co., Inc., chartered; Elizabeth Schmuck, 2512 Ninth Ave. S. Ala., Gadsden—Stringer Realty Co. is developing subdivision; install city water, electric lights.

Ark., Texarkana—W. A. McCartney will velop 35-acre subdivision. Ark. Texarkana—C. H. Jennings will develop 17-acre subdivision.

Fla., Arcadia—Mrs. V. Blanche Stoner, 657 each Drive, N., St. Petersburg, and others quired 806 acres on Peach River; will de-

Fla., Clearwater—City voted park bonds. See Financial News—Bond Issues Proposed.\*
Fla., Crestview—Geo, F. Strong & Co., Inc., 620 Central Ave., St. Petersburg, owners of Oakcrest Farms & Groves, sold to Bente Bros. and associates of Chicago, Ill., 40,000 acres, to be divided into small farm orchards and groves; both parties represented by Arthur E. Lamkey, 25 N. Dearborn St., Chicago.

Fla.. Davenport—Holly Hill Grove & Fruit Co., Richard M. Atkins, Mgr., is developing Botanical Park; expend \$15,000 for sidewalks, band shell and stage; Stiles & Van Kleek, 97-A Newberry, Boston, Mass., Landscape Archt.; Floyd B. Hillman, Constr. Engr.

Fla., Jacksonville—John J. Dunne, Mayor of Murray Hill, and others interested in development of park at Murray Hill.

Fla., Lake Worth—G. W. Krick will develop 10-acre subdivision; install rocked streets, sidewalks, water, electricity; expend \$10,000.\*

Fla., Ocala—City plans \$15,000 park im-rovements. See Financial News—Bond provements. See Issues Proposed.\*

Fla., St. Petersburg—City Comn. authorized archase 20 acres submerged land for park; W. Fisher, Park Commr.

Fla., Wildwood — Cobbey-Howell, Mils-paugh & Co., Inc., St. Petersburg, reported acquired 40-acre tract on Fruitland Rd.; develop subdivision.

Ga., Valdosta—E. Y. Fry and M. W. Fry will develop O'Quinn Heights subdivision; install water, sewers, roads and streets.

Ga., Waycross—J. K. Larkin, Hoboken, N. J.; J. D. Moore, 111 E. Forsyth St., Jacksonville. Fla., reported acquired 5000 acres in Charlton County; will develop.

La., New Iberia—Ivanhoe Gulf Coast Co., pital \$40,000, incorporated; Ernest R. heriot, Ashton; Frank M. Bodin, Patterson.

La.. New Orleans—Metairie Developments, Inc., capital \$75,000, incorporated; Allan N. Pierce, Jr., 1418 Jena St. La., New Orleans—Florida Walk Realty Co., capital \$30,000, incorporated; Louis L. Goldstein, John H. Bernard.

La. New Orleans—Modern Farms, Inc., capital \$150,000, incorporated; Maurice M. Jones, Beverly Knoll.

La., Shreveport—Mercantile Realty Co., Inc., capital \$10,000, incorporated; A. B. Freyer, Pres., First Natl. Bank Bldg.

Md., Baltimore—Garden Bealty Co. 441 F.

Md., Baltimore—Garden Realty Co., 411 wenty-second St., incorporarted; John

Md., Baltimore—Mirdia Holding Co., 333 quitable Bldg., incorporated; Stanley K. Hartman.

Md.. Cumberland — Maryland Orchards, Inc., chartered; L. B. Keene Claggett, U. S. F. & G. Bildg., Baltimore; Isaac S. Russell, 154 Nassau St., New York; acquired holdings of Maryland Orchard Co., Picardy.

Md., Frederick—City has plans by R. Brooke Maxwell, Garrett Bildg., Baltimore, for 25-acre public park; construct swimming pool. boating pond. bandstand.\*

Md., Frederick—Frederick Homes Corp., ) W. Patrick St., Chas. W. Hopkins, Pres., developing Catoctin Park subdivision; in-all water, sewers, electric lights.

Md., Ocean City—Isle of Wight Land Co., Daniel Richardson, Sales Agt., is developing Maridel Beach ocean front subdivision in-stall curbing, water mains, grading, 4 miles hourdwall. boardwalk.

Miss., Biloxi—Winnetka Realty Co., capi 1 \$25,000, incorporated; Louis Braun, W Green.

Miss., Biloxi—Mississippi Gulf Realty Co., capital \$40,000, incorporated; Richard B. Means, John M. Callaghan, Jr.

Miss., Chatawa—Avalon Farms, capital \$25,000, incorporated; W. H. Roane, E. L. Roane.

Miss., Gulfport—Fairview Corp., Inc., capital \$200,000, incorporated; Martin H. Menton. New Orleans, La.; Fred G. Benton. Fairfield Ave.. Baton Rouge, acquired tract; develop subdivision; install water, sewers, electric lights, roads.

Miss.. Pascagoula—John R. Watts reported acquired Parquette Park.

Mo., Hollister—Heath & Todd reported developing land into tracts of 20 and 40 acres each, building farm house, poultry house and barn and drilling well, plant 5 acres in fruit on each farm.

Mo., Richland—City voted bonds for improvement to 17 acres for park and playgrounds. Address The Mayor.

Mo., Springfield—E. L. McBride, Sterling, Ill., Landscape Archt., reported interested in developing \$150,000 pleasure resort and recreation center; 18-hole golf course, 30-acre lake.

Mo., St. Louis—John H. Gundlach & Co., capital \$10,000, incorporated; Ruth Gundlach, Carl G. Stiffel.

Mo., St. Louis—Glaznorth Realty Co., apital \$60,000, incorporated; Arthur A. Guenther, 4015 Hartford St.

Mo., St. Louis—Joynor Realty Co. increased capital, \$25,000 to \$30,000.

N. C., Asheville—H. P. McLain Development Co., capital \$50,000, incorporated; H. P. McLain, Edwin Varney.

N. C., Brevard—Pallanza Park, Inc., capital \$100.000, incorporated; Claude E. Neal, G. Fisher.

N. C., Charlotte—F. B. Howard, 408 Maple Ave., Richmond, Va., D. Atkins and others reported acquired 71 acres at Sugar Creek Church on Salisbury; develop subdivision; E. S. Draper, Landscape Archt.

N. C., Concord—Cabarrus Development C capital \$50,000, incorporated; R. E. Ride hour, Jr., D. G. Caldwell.

N. C., Greensboro—Sedgefield-Continental Corp., capital \$200.000, incorporated; A. W. McAlister, S. F. & T. Bldg.

N. C., Greensboro—Meadowbrook Develop-ent Co., capital \$100,000, incorporated; F. Kemp, B. R. Stone.

N. C., Hendersone:
N. C., Hendersone:
N. C., Hendersone:
High-way;
Hendersone:
Hendersone:
Hendersone:
High-way;
Hendersone:
H

and built by Donald Ross, Southern Pines; George Kershaw, C. E., N. Main St., in charge of streets, sewer and water works; will let contract by June 1 for paving.\*

N. C., High Point—S. C. Clark let contract to C G. Mackintosh, 503 Wachovia Bank Bldg., Landscape Contr. for development of new sec-tion Oakwood Memorial Cemetery.

N. C., Lenoir—Grandfather Mountains, Inc., capital \$100,000, incorporated; A. W. Dula, E. F. Allen.

C., Louisburg—Realty Co., capital ,000, incorporated; F. W. Wheless, E. H.

N. C., Marion—Mountain Lakes Estates, Inc., D. F. Giles, Pres., will develop 300-acre subdivision.

N. C., Waynesville—J. D. Hood, Sanford, Fla., reported acquired 4000 acres in Balsam Mountains; will develop subdivision; construct 19 miles of 24-ft. highway; contract for grading let to Catawba Construction Co., Asheville.

N. C., Wilmington—George H. Hutaff, 617 Market St., Oliver T. Wallace, 108 Princess St., acquired 1000 acres swamp land; will develop.

S. C., Aiken-H. P. Dyches reported sold tract of land to Long Island capitalist; will

S. C., Anderson—Home Realty Co., incor-orated; J. Alexander Neely, Jr., Robert L. porated : o Ballentine.

S. C., Charleston—Atlantic Land & Insur-ice Co., incorporated; James Miller, Peoples

S. C., Greenville—Panther Mountain Estates, 606 Woodside Bldg., is developing 1600 acres between Caesars Head and Conestee

S. C., Orangeburg—Livingston Terrace ealty Co., capital \$25,000, incorporated; A. Livingston, J. West Summers.

W. A. Livingston, J. West Summers.
S. C., Rock Hill—Penny Bros., McAdoo
Bldg., Greensboro, N. C., will develop Willowbrook Gardens subdivision.

Tenn., Chattanooga — Eleventh Street
Realty Co., T. Walter Fred, Lookout Mountain, and associates are developing the Plaza;
work under direction of Warren H. Manning,
City Planner, and Edw. E. Betts, Engr.,
James Bldg.; will increase capital to \$1,
000,000: organize other companies for various work.\*

Tenn., Chattanooga—Fred Robinson, 709 Chestnut St., and F. H. Dowler, 830 Broad St., acquired 160 acres on Hixson Pike; will develop.

Tenn., Chattanooga—Cherokee Realty & Trust Co., Provident Bldg., incorporated; H. A. Minor, Jr.

A. Minor, Jr.

Tenn., Chattanooga—F. H. Dowler, 830
Broad St., and Fred Robinson, 706 Chestnut
St., acquired 160-acre tract on Hixon Pike;
Fred Robinson acquired 60-acre tract: develop
both tracts for subdivision; install water,
sewer, electric lights, gas.

Tenn., Chattanooga—Walter S. Morrow, 112 N. E. First St., Miami, Fla., T. E. H. Urmston. Volunteer Life Bldg., Chattanooga, and others interested in development of portion of Racoon Mountain for subdivision; install water, sewers, electric lights, golf course. install

Tenn.. Memphis — Community Gardens Corp. will soon let contract for installation of water system in Chickasaw Gardens sub-division.

Tenn. Memphis—Joe Hanover, Central Bank Bldg., will develop 15-acre subdivision Tenn., Memphis—Monarch Land Co., 1301 Columbia Mutual Tower Bldg., incorporated: W. B. Rosenthal, Nathan Bernstein.

Tenn.. Memphis—Dave Dermon, 41 N. 3rd St., is developing West Evergreen subdivision.
Tenn.. Memphis—Grover C. Keck acquired 200 acres on Hernando Rd.

Tenn., Tullahoma — Harton Development Co., Jno. W. Harton, Pres., will develop 1000 acres for resort and camp; expend \$100,000.\*

Tex.. Brownsville—Lake Side Improvement Co., capital \$75,000, incorporated; W. M. West, S. C. Tucker.

Tex., Corpus Christi—Charles F. Petty will develop 100-acre subdivision: construct hard surfaced streets. curbs and sidewalks; install water, gas, electricity.

Tex., Corpus Christi—Harvey & Ray, Dr. J. H. Harvey, Nuces Hotel, Mgr., has 15,765 acres; are developing 8000 acres for farming, citrus fruits, etc., in blocks of 80 to 160 acres each; work will begin in about 30 days; expend \$200,000. (See Machinery Wanted—Road Machine; Grubbing Hoe; Axes.)\*

Tex., Corpus Christi—E. D. Nix, Arcade Bldg., St. Louis, Mo., reported acquired 8000 acres of Mustang Island; will develop.

Tex., Corpus Christi — Wright-Dinn & Allison, 1204 McCullough St., San Antonio, is developing 200-acre subdivision; install roads and streets, sldewalks, gas, water and sewers; expend \$350,000; Del Mar Corp., Gen. Contrs., Corpus Christi; T. R. Allison, Landscape Archt.; Sam Leuison, Engr.\*

Tex., Corpus Christi—H. H. Friar, 1408 Mesquite St., C. H. Cook and others are developing 172-acre subdivision; engineers estimating on sewers; expend \$150,000.\*

Tex., Corpus Christi—Banner Realty Co., incorporated; Floyd Baker, Robert Hoover.

Tex., Houston—Main Street Development Co., capital \$10.000, incorporated; N. B. Knight, Binz Bidg., develop 262 acres on Main Road.

Tex., Houston—Pineview Manor Co., capital \$40,000, incorporated; Ben Urmston, 1438 W. Alabama St.

Tex., Houston — Woodland Investment ssn., Incorporated; W. R. Morin, 2902 Mor-

rison St.

Tex., Houston—Peckham Development Coreported let contract for sewers, water works, concrete sidewalks, curbs, gutters and paved streets in Renesu Court subdivision.

Tex. Houston—Houston, Beaumont & Orange Townsite Co., capital \$50.000, incorporated: R. E. Gurley, 801 Bamar St.; develop 6 townsites of about 100 acres each.

Tex., Mission—J. C. Engleman, Raymondville, reported acquired 25,000 acres near here; will develop.

Tex., Raymondville—J. C. Engleman ac-

nere; will develop.

Tex., Raymondville—J. C. Engleman acquired 5500 acres; will develop.

Tex., Raymondvillle—Harry Land. New Braunfels, acquired 8000 acres in Willacy County; will develop: let contract for clearing and plowing 2000 acres; also acquired tract of 200 acres near Edinburg; will develop.

Tex., San Antonio—G. N. Shuffleld, 303½ E. Commerce St., is developing Crestholme addition: will install water, sewers, gas, electric lights; E. D. Pahlka, Gen. Contr.

Tex., San Antonio—W. J. Tarrance & Co., capital \$50,000. incorporated; W. J. Tarrence, Gunter Bldg.

Tex.. Winters—Winters Realty Co., incorporated; Carl Davis, H. O. Jones.
Va., Lynchburg—Greater Lynchburg Development Co., capital \$15,000, incorporated; Thomas Phillips, 1620 Grace St.; develop 13 acres. Thomas 13 acres.

Va., Norfolk—Rockland Realty Corp., capital \$15,000, incorporated; J. D. Moore, Dickson Bldg.

Va., Richmond—Parkway Realty Corp., John C. Temple, Mutual Bldg., is having golf course planned by Charles C. Crowe, erect clubhouse.

Va., Roanoke—Enterprise Realty Corp., capital \$10,000, incorporated; R. Cosby Newton, R. A. Poff.

Va., Roanoke—Acme Corp., capital \$25,000, corporated; A L. Hughson, First Natl. Bank Bldg.

Va., Roanoke — Jefferson Development Corp., Inc., capital \$50,000, incorporated; W. W. Coxe, Boxley Bldg.

Va., Roanoke—Fairacre Corp., capital \$15,000, incorporated; M. M. Caldwell, Shen-andoah Life Bldg.

w. Va., Charleston—Land & Building Co., capital \$10,000, incorporated; Joe L. Silverstein, Charleston Natl. Bank Bldg.

#### Lumber Enterprises

Fla., Caryville— Brown-Florida Lumber Co., reported, will probably rebuild plant, burned at loss of \$1,000,000.

Fia., Indiantown—E. B. Roux. Plant City. res.. Georgia & Florida Sawmill Assn., will istall sawmill to cut timber from 100 000 rees land; daily capacity 300,000 ft.; tract be cleared within three years as required of contract with Seaboard Air Line Ry, whers.

La., Hayes—Barron-Sizler Lumber Co., Inc., capital \$100.000, chartered: J. F. Bar-ron of Lottle, Charles Sizler, Hayes.

La., New Orleans—Delta Lumber & Manufacturing Co., Inc., chartered; M. L. Rhodes, 3800 Lowerline St.

N. C., Asheville—Carolina Land & Invest-ment Co., reported will acquire about 12.000 acres timber land western part of Mitchell County; plans for development not com-pleted

Tenn., Eunice-Roy O Lumber Co., capital

\$100,000, incorporated; Roy O. Martin, H. R. Boyd.

Tenn., Morristown—Allison Lumber Co., capital \$25,000, incorporated; J. W. Allison. Pres., acquired site along spur track of Southern railroad.

Tenn., Normal—Red Ball Lumber Co., capital \$25,000, incorporated; Geo. Boyle, Wm. Goodman.

Tex., Dallas—Booth Lumber & Loan Co. increased capital, \$100,000 to \$200,000.

Tex., Hamlin—Gray Lumber Co. increased capital, \$50,000 to \$150,000.

Tex.. Houston—Hopper Lumber Co., capi, 1 \$16,000, incorporated; C. H. Hopper, J. Wright.

#### Metal-Working Plants

Mo., St. Louis—Laclede Brass Works, Inc., capital \$50,000, chartered; Wm. Modra, 3438 Pestalozzi St.

#### Mining

Ark., Delight—Drew Gravel Co. reported acquired 20 acres gravel deposits adjoining present site; will develop.

Ark., Hot Springs—Hot Springs Mineral Earth Co., capital \$10,000, incorporated; C. Nix, Pres.; W. F. McCormick, Sec.

C. Nix, Pres.; W. F. McCormick, Sec.
Ark., Murfreesboro—Little Missouri River
Gravel Co., capital \$100,000, incorporated;
J. R. Cox, G. W. Welcher.
Mo., Kansas City—Interstate Rock &
Crusher Co., Waldo Bank Bldg., has plant,
Eighty-ninth and State Line; install No.
7½ Gates crusher, 36-in. disc crusher, two
85-h. p. Superior oil engines; daily output
400 tons crushed rock, rubble rock and
building stone. (See Machinery Wanted—
Cars (Steel); Rails.)\*
Mo. Kansas City—Mozark Mining & Roy-

Mo., Kansas City—Mozark Mining & Royalty Co., capital \$100.000, incorporated; Frank Barlow, 3719 Madison Ave.
Mo., Lees Summit—Thompson-Nixon Mining Co., capital \$50,000, incorporated; Milton

Thompson

Okla.. Webb City—T. & R. Mining Co., capital \$20,000, incorporated; E. G. Tharp. M. H. Roe.

M. H. Roe.
S. C., Columbia—Southern Sand Co. incorporated; W. S. Nelson, Palmetto Bldg.
Va., Richmond—Highland Park Sand Co., Inc., 1604 Grove Ave., has 32 acres under development; daily output 300 tons washed gravel and 50 tons steel bond molding sand. containing natural bond. [See Machinery Wanted—Hoists; Cars (Side Dump); Rails.]\*

#### Miscellaneous Construction

Ark.. Helena—Terminals—Helena Wharf Improvement Comsn., E. H. Allen, reported, has final plans approved by War Dept.; will receive bids May 15 for completion of river terminals; W. M. Schulze, Engr., Shrine Bldg., Memphis, Tenn.\*

Fla., Lakeland—Incinerators—City will ex-end \$40,000 for additional incinerator. Ad-ess City Clk.

Fla., Miami—Miami Real Estate & Bldg. Co., 38 N. E. Second Ave., subsidiary of Rand Properties, Inc., Columbia Bldg., reported, granted permission to construct bulkheads around north and west sides Virginia Key and dredge Biscayne Bay for ship terminals.

Fla.. New Smyrna—Port—Daytona Beach-New Smyrna Inlet Dist. plans opening and jettying inlet and establishing turning basin for harbor purposes; Col. G. A. Youngberg and J. M. Braxton. Engrs. See Financial News—Bond Issues Proposed.\*

Fla. Ocala—Incinerator—City has \$25.000 available for construction of incinerator. Address City Clerk.\*

Fla. Stuart—Jetties—St. Lucie River In-t Comsn. let contract to the Miami Towing Lighterage Co. for north jetty (first work the opening of inlet.)\*

Fla., Venice-See Drainage, Dredging and Irrigation.\*

Irrigation.\*

La.. Algiers Sta., New Orleans—Wharf—Port Commrs., Suite 200 New Orleans Court Bldg., will construct creosoted timber wharf. foot of Hinds Lane; receives bids May 11. (See Machinery Wanted—Wharf.)

La.. Lake Charles—Warehouses—Lake Charles Harbor & Terminal Comsn. reported receives bids June 1 for construction 2 standard steel construction type warehouses, each 70x300 ft.; Elmer E. Shutts, Engr., 921½ Ryan St.

La., New Orleans—Swimming Pool—Audo-

La., New Orleans—Swimming Pool—Audo-bon Park Comsn. contemplates building \$10,-000 swimming pool.

S. C., Charleston—Pier—U. S. Engineer Office receives bids June 1 to extend North Custom House pier about 210 ft.

Tex., Beaumont—Swimming Pool—City will construct municipal swimming pool and bath house, 80x120-ft., oval, reinforced concrete; estimated cost \$30,000; Ollie J. Bloyd, City Mgr.; R. C. Black, Engr.

#### Miscellaneous Enterprises

Ala., Bessemer—Home Publishing Co., 1812 Second Ave., Howe Price, will expend about \$10,000 on additional equipment.

D. C., Washington—Advitant Laboratory, Inc., capital \$50,000, chartered; Chas. L. Wood, Washington; Theo. E. Cox, Chevy Chase, Md. Chase, Md.

Chase, Md.

Fla., Fort Lauderdale — Fort Lauderdale Paper & Bag Co., capital \$100.000, organized; J. Harrison McCready, Pres.; E. J. Powers, Sec., reported will erect 1-story, 60x175-ft, factory building in Chateau Park Terminals; in addition to manufacture of paper bags will install machinery for making cups, plates, wrapping paper, etc.

Fla., Fort Lauderdale—Broward Awning Drapery Co.. Brickell Ave., reported will expend about \$15,000 on improvements, install 35 machines for manufacture of approximately 400 doz. suits of overalls weekly; also build additional warehouse in conjunction with plant.

Fla., Jacksonville—Cigars — J. H. Swisher

Fla., Jacksonville—Cigars — J. H. Swisher & Son. 16th St., has permit for \$45,500 building on 17th St.; tile and stucco.
Fla., Lake City—Julian B. McCurry, Sec.. Chamber of Commerce, wants to correspond with persons desirous of establishing a bakery.

Fla. Tampa—W. Londes Browning, Pres., Snow White Laundry Co., contemplates building \$150.000 laundry, Cypress and Mantazas Ave., has 152x98 ft. site; capacity to serve 3500 persons; has drilled 8-in. well; soon start operation.

start operation.

Fla., Tampa—Wood-Thornton Laboratories, R. P. Thornton in charge, moved from Lakeland to building cor. Hemlock and Twenty-second Sts.; installed \$15.000 equipment.

Fla., Tampa—Loft Building—Frank Ashford, Sec., Manufacturers Assn., 305 Tampa St., and associates interested in building 5 or 6-story loft building.

or 6-story loft building.

Ga., Atlanta—The MacMillan Co., 60 Fifth
Ave., New York City, reported establish
distributing branch, acquired 83x100-ft, site
on Spring St. at Baltimore Place; erect
tuilding soon as plans are competed.

Ga., LaGrange—John W. Guinn, Pres.,
Guinn Sign Co., contemplates installing plant
to enamel metal signs. (See Machinery
Wanted—Enameling Plant.)

Ga., Valdosta—T. E. Goodwin reported acquired 300-acre tract in the Sherry Park section, known as J. P. Biles farm; establish dairy; erect plant and modern sanitary harrs.

barns.

Ky., Louisville—Bakery, etc. J. C. Heitzman, 1885 Princeton Drive, let contract to Leo J. Zimblich, 1965 Rutherford Ave., at \$18.142, for 2-story, 66%x210 ft., bakery and dwelling at 2210 Dundee road; brick, veneer and stucco: hardwood and maple floors, asbestos shingles, concrete foundation; Install \$9560 equipment; M. Stevens, Engr., 2224 Napoleon Blvd.; Vincent Dentinger, Archt., 2017 Marvland Ave. (See Machinery Wanted—Tile; Mail Chutes; Dumb Waiters; Ventilators; Metal Ceilings; Doors (Metal); Linoleum.)

Ky., Louisville—The Duplex Compressor Co., capital \$100.000, incorporated; James L. West, 1032 Third St.

Ky., Louisville-O. L. Coleman Charcoal b. incorporated; Richard W. Oliver, 604 W. Walnut St.

Ky., Owensboro—City contemplates installing additional fire-fighting equipment.
Address City Clerk.

Address City Clerk.

La., Bastrop—McBride Construction Co.,
Inc., capital \$9000, chartered; A. C. MeBride, Chas. Snyder.

La., Eunice—City contemplates installing
\$12,500 American LaFrance fire engine,
\$2000 street sprinkler, etc. Address S. Wyble,
Mayor. Mayor.

La., New Orleans—Globe Electric Co., Inc. capital \$10,000, chartered; Paul B. Habans, Louisiana Bldg.

La., New Orleans—Crockery, etc.—Scaport Manufacturing & Supply Co., Inc., capital \$25.000, chartered: Geo. B. Kimbro, Jr., Pres., 7931 Plum St.

La. New Orleans—Roberts Construction Co., Inc., 307 Camp St., contemplates build-ing material yards with switch track, inter-ested in prices on rails, frogs, switches,

spikes, bolts, etc. (See Machinery Wanted—Rails and Accessories.)\*

La., New Orleans—Globe Electric, Inc., capital \$10,000, chartered; Edgar Peter, 109 Park Row.

Park Row.

La., New Orleans—American Solvents & Chemical Corp., executive office, 285 Madison Ave., New York City, organized; H. O. Peffer, Pres.; Lester S. Bachrach, Sec.-Treas.; organization comprises the properties, manufacturing facilities, business and good will of Everett Distilling Co., Everett, Mass.; Crescent Industrial Alcohol Co., New Orleans, La.; Jefferson Distilling & Denaturing Co., Harvey, La.; Western Industries Co., Agnew, Cal., and Witbeck Chemical Corp., Albany, N. Y.; subsidiary corporations are American Solvents & Chemical Corp. of California and American Solvents & Chemical Corp. of Massachusetts; will manufacture ethyl alcohol, refined fusel oil, incture of iodine, etc.\*

La., Thibodaux—Engineering—T. C. Kerr Co., Inc., capital \$45,000, chartered; Norman J. Urquhart, Thomas C. Kerr.

Md., Baltimore—Food Products—Butter Service Co., Inc., 806 Equitable Bldg., capital \$100,000, chartered; Geo. Guthrie, Hillary W. Gans.

Md., Baltimore—Robe Laboratories, Inc., 1408 Citizens National Bank Bldg., chartered; Walton B. Rove, H. B. Rose.
Md., Baltimore—Building Materials—Old Town Asphalt & Roofing Co., Inc., 1039 N. Gay St., capital \$50,000, chartered; Morris E. Zackon, L. N. Blum.

Md., Baltimore—Engineering & Contracting Corp. of America, 1706 Citizens National Bank Bldg., chartered; Jonathan F. Lomax, Wm. H. Fox.

Md., Baltimore — Bankers Exchange & Travel Service, Inc., 300 Chesapeake Bank Bldg., capital \$50,000; Geo. F. Karnopp, Wm. D. Haines.

D. Haines.

Md. Baltimore—Gould Car Lighting Corp.,
601 Title Bldg., chartered; Robert France,
Charles B. Hoffman; manufacture lighting
appliances for railway cars.

Md. Polymore, Publishing—The Readers

Md., Baltimore—Publishing—The Readers Advisory Service, Inc. 612 Equitable Bldg., capital \$100.000, chartered; Jesse Lee Ben-nett. Carter G. Osborn, Jr.

Md. Baltimore — Merchandise—Valenstein College Cap Co., 40 Hopkins Place, chartered; Paul I. Valenstein. Md. Baltimore—Monogram Restaurant Co., 124 Light St., incorporated; Wm. D. Mac-

Md., Baltimore—Paper Boxes—The Bartgis Brothers Co., Hamburg & Bush Sts., increased capital \$25.000 to \$100,000.

capital \$25.000 to \$100,000.

Md. Baltimore—The C. and S. Salvage Corp., Pratt & Light Sts., capital \$100,000; Nathan W. Cohen.

Md. Baltimore—The S. D. M. Construction Co., 111 N. Charles St., capital \$100,000, incorporated; Steve Strogilos.

Md. Baltimore—Construction—The Building Corp., 216 E. Lexington St., chartered; Reuben Queen, Chas. W. Mulligan.

Md. Braddock Heights—Hotel Braddock

Md., Braddock, Heights—Hotel Braddock, Inc., capital \$50,000. chartered; Michael J. Croshan, Grover L. Michael.

Md., Catonsville—White Construction Co., Inc., capital \$100,000, chartered; Gardiner S. White, Old Frederick Road.

Md., North Beach—The Hydraulic Stone Machinery Co., capital. \$50,000, incorporated; John W. Hayes, North Beach; C. G. Platt, Washington, D. C.

Washington, D. C.

Miss., Aberdeen—The Aberdeen Creamery
Co., capital \$100,000, incorporated; Frank
Johnson, Pres.; V. E. Gaskin. Gen. Mgr.;
acquired site on Commerce St. for new plant,
3-story, concrete, steel and brick construction;
plans by Hanker & Cairnes, Hill Bidg.; Thos.
H. Allen & Co., Bank of Commerce Bidg.;
both Memphis, Tenn.. in charge of building;
will condense milk, manufacture ice cream.
etc., in connection with present output of
"Daffodil" butter.

Miss., Gulfport-Magnolia State Guaranty Title & Abstract Co., capital \$100 000, incor-porated; J. C. Walker, M. B. Juniper.

Miss., Vicksburg—Vicksburg Dressed Beef Co., Inc., capital \$25,000, chartered; G. Ben Levinson, Vicksburg; W. H. Hodges, New Orleans.

Miss., Woodville—Merchandise — Cunning-ham Bros., capital \$10.000, incorporated; H. B. and T. L. Cunningham.

Mo., Kansas City—L. R. C. Chemical Products Co., Incorporated; Floyd A. Logan, 4500 Chestnut St.

Mo., Kansas City — Art Upholstering & Decorating Co. incorporated; Andrew Seaton, Arthur Ballard.

Mo.. St. Louis-Valley Shoe Corp., capital \$110,000, chartered; D. B. Goldman, 5861 Nina Place.

Mo., St. Louis—Goodyear Outdoor Water-proof Clothing Corp., capital \$20,000, char-tered; Barney Grosberg, 5548 Delmar St.

Mo., St. Louis—See It Advertising Co., incorporated; P. P. Mason, Wainwright Bldg.
Mo., St. Louis—Acme Hardware & Supply
Co., capital \$15,000, incorporated; Fred L.
Henninger, 4532a S. Grand St.

Mo., St. Louis—Coopersmith Bed Co., 2913 Morgan St., capital \$30,000, incorporated; Rudolph Coopersmith, Louis Chackes.

Mo., St. Louis—Clothing—Missouri Em-proidery Co., incorporated; Jake Kanefield, 5052 Cates St.

Mo., St. Louis—Kiess Dental Laboratory Co., incorporated; Henry W. Kiess, 2361 S. Compton St. St. Louis-Walter Freund Bread Co.,

Mo., St. Louis—Walter Freund Blend 4477 Choteau St., let contract to M. C. Bar-tels, 4910 Gravois St., for \$60,000 bakery building, 2 story, 143x175 ft., steam heat. N. C., Charlotte—H. J. Dunavant. Bizzle d.; S. E. Messner, 1215 E. Morehead St., d. associates reported acquired 10,000 acres mbered mountain land in Mitchell County; ans for development not completed.

N. C., Chimney Rock—Lake Lure Inn, Inc., chartered; C. W. Tillett, Jr., Law Bldg., Charlotte.

N. C., Greensboro—Johnson Marble & Gran-ite Co., capital \$50,000, incorporated; C. C. Johnson, 520 W. Gaston St.

N. C., Manteo-Roanoke Ferry Co., capital \$25,000, chartered; T. A. Baum

N. C., Monroe—Creamery—Monroe Utilities Corp., capital \$100,000, chartered; C. W. Champ, Monroe; H. C. Northrop, Charlotte.

N. C., Statesville—Hi-Way Construction o., capital \$100,000, incorporated; P. J. ling, J. B. Witherspoon.

C., Winston-Salem—W. S. Fisher of er's Cleaning & Dyeing Works, 214 W. rth St., acquired site, Fourth and Spring will construct 2-story plant.

Okla., McAlester—Laundry Service Co., capital \$10,000, incorporated—J. A. Mackey, R. L. Crutcher.

R. L. Crutcher.

Okla., Oklahoma City—Crystal Ice Cream & Ice Co., capital \$100.000, incorporated;
J. N. Graves, 430 W. 13th St.

Okla., Tulsa—Laundry and Cleaning—
Mendenhall-Summers Co., Inc., has permit for building at 517 S. Lansing St.; will be connected with structure lately acquired (Terry Miller laundry); business being relocated.

Okla. Tulsa Times Territory

Okla., Tulsa—Tulsa Stationery Co., capi-1 \$25,000, incorporated; Wm. Maneke, 230 , 13th St.

S. C., Greenville—Dixle Rubber Co., capi-\$10,000, incorporated; J. F. Clark, 209 Stone Ave. S. C., Greenville—W. H. Ballentine Pack-Co. has permit for \$10,000 tank house on Broad St.

S. C., Greenville—Schachner Leather & Belting Co., 419 S. Main St., distributes prod-uct of Johnson Belting Co., 423 E. 56th St., New York City; has machinery necessary.

S. C., Spartanburg — Southeastern Pape Co., capital \$25,000, incorporated; J. W. Dale 318 S. Converse St.

S. C., Spartanburg—Radios, etc.—Davenports, Inc., capital \$10,000, chartered; L. L. McDowell, W. S. Tuck.

Tenn., Chattanooga — The Weatherford Paper Co., 1146 Market St., organized; W. H. Weatherford, Pres.

t. Weatherford, Pres.
Tenn., Chattanooga—Purse Printing Co.
hestnut St., acquired land adjoining pres
nt building; will erect addition.

Tenn.. Chattanooga — William F. Fritts Drug Co.. 609 Broad St., increased capital \$25,000 to \$50,000.

\$25,000 to \$50,000.

Tenn., Knoxville—Whittle Trunk & Bag Corp., Sixth and Glenwood, reported leased 210x302-ft. site on Washington St., including 2-story 50x100-ft. brick building; will remodel, install additional machinery; plant to be in operation by June 1.

Tenn., Lenoir City—Lenoir City Hotel Corp., capital \$75,000, chartered; C. E. Morelock, J. T. Leeper.

Tenn., Memphis—Perfection Cosmetics Co. increased capital to \$25,000.

Tenn., Memphis—Tennessee Belting Co., 73 Washington Ave., incorporated; John Latsch, Charles Keeler.

Tenn., Memphis—Mary Ella Sandwich

Tenn., Memphis—Mary Ella Sandwich Shopp, Catering, etc., capital \$15,000, char-tered; F. W. Pennebaker, 1475 Harbert St.

Tenn., Memphis—The Bean Eata Co., Inc. capital \$20,000, chartered; Geo. J. Coleman Columbian Mutual Trust Bldg.

Tenn., Memphis Memphis Packing Corp., Trigg Ave., let contract to Carloss Well Co., Front and Gayoso Sts., for one 400 gal. per min. well equipped with Cook strainer.

Tenn., Paris—F. E. Travis & Son has c tract for 2-story building to be occupied John R. Rison, Jr., Publishing Co.

Tenn., Sherwood—Gager Lime Manufactur-ing Co., capital \$50,000; C. B. Gager, Cecil H. Gamble.

Tex., Alvin—Magnolia Fig Products Co., Inc., M. M. Ulfers, Pres., specialize in Magnolia fig confections, will in 1927 erect modern fig-preserving plant in connection with candy plant; install jap cutter, power or hand machine; present capacity 250 lbs. to be increased to 1000 lbs.\*

Tex., Amarillo—Amarillo Rubber Stamp Co., capital \$10.000, incorporated; H. C. Anderson, L. C. Whitney.

Tex., Beaumont—W. Q. Wade and Dr. H. H. Tucker. both Crowley, La., reported will erect \$35,000 milk pasteurization and clarification plant, 40x80 ft.; F. W. Stelman & Son, Archts., 411 San Jacinto Life Bldg.

Tex., Corsicana—Southern Wholesale Grocery Co., capital \$125,000, incorporated; W. D. Nolan, J. H. Ransom.

Tex., Dallas—Goldstein Hat Manufactur-ing Co. Increased capital to \$10.000; changed name from Ogburn Hat Manufacturing Co., 1006 Commerce St.

Tex., Dallas—Southern Ink Corp., capital \$30,000, chartered; Helman Rosenthal, 2706 S. Ervay St.

Tex., Dallas—The Dal Oak Amusement Co., incorporated; Mack Vickery, E. R. Vickery.

Tex., Dallas—Free Lance Publishing Co., incorporated; O. B. Colquitt, Kirby Bldg.

Tex., Denison—Herald Publishing Co., J. Greer, Mgr., receiving bid for construction of 2-story fireproof building; John Tulcech, Archt., M. and P. Bank Bldg.

Tex., Denton—Traffic Signal System—Comsn. let contract to G. S. Stricker for stallation of traffic signal system.

Tex., El Paso—Arctic Ice Palace, Inc., H. W. Boynton, Pres., Overland and Kansas Sts., let contract 120x120 ft. building, brick and reinforced concrete; cement and wood floor; concrete roof; estimated cost \$25,000; install \$22,000 equipmnet, including motors, compressors, pipe, etc.; furnished by Krueger Machinery Co., San Antonio, Tex., and local companies.: Thorman & Frazer, Archts., First National Bidg.\*

Tex., Galveston—High Grade Packing Co., J. Tramonte, Pres.-Gen. Mgr., 2627 D St., reported will erect \$50,000 packing house at Sixty-fifth and Avenue J; 2-story, cement and hollow tile; install packing house machinery. also refrigerating and cooling systems; Stowe & Stowe, Archts., 311½ 22nd St.

Tex., Houston-Paramount Sandwich Shop capital \$10,000, incorporated; M. A. Welsh. 1617 Sul Ross St.

Tex., Houston—The Houston Aerial Transport Co., reorganized, Frank M. Hawks, Mgr., will inaugurate daily air mail service between Dallas and Chicago.

Tex., Houston—Undertakers—Oliver Lewis Co., capital \$10,000, incorporated; Oliver Lewis, 1007 Willard St.

Tex., Littlefield—Littlefield Ice & Bottling Co., capital \$45,000, incorporated; M. A. Marcus, L. E. Key.

Tex., Mineral Wells—Crazy Water Hotel Co., incorporated; Carr Collins, H. B. Hous-

Tex., Navasota—Navasota Ice Cream Co., capital \$11,000, incorporated; B. F. Peoples, Navasota; J. D. Tetheridge of Cameron; establish ice cream factory, daily output 600 gsl.; machinery ordered.

Tex., Plainview—M. A. Marcus, 2404 10th St., Wichita Falls, acquired bottling plant on Baltimore St. of J. N. Marrison; will remodel, also enlarge ice manufacturing plant, increasing capacity to 30 tons.

increasing capacity to 30 tons.

Tex., San Antonio — Brooms — A. Grona, 1032 E. Commerce St., let contract to H. A. Miller, 446 Rayton Ave., at \$16,630, for factory building on Garden St.; 1 story, 44x-160 ft., brick and concrete; Beverly Spillmen, Archt., Alamo Natl. Bank Bldg.

Tex., Thorndale — Sanatorium — Thorndale Marvel Well. Inc., capital \$18,000, chartered; R. B. Anderson, Jr., E. B. Hardin.

Tex., Tyler—Tyler Baking Co., Inc., chartered; W. O. Lisle, Mrs. Ella May Lisle.

Tex., Wichita Falls—Construction—Utilitles Engineering Co., capital \$10,000, incorporated; W. G. Douglas, H. H. Davenport.

Tex., Wichita Falls—Rancho Vista Water Co., capital \$22.500, incorporated; C. E. Basham, 2702 9th St.

Va., Danville—Fire-Fighting Equipment—City contemplates purchasing \$12,000 fire engine for North Danville. Address City Clerk.

Va., Richmond—Sprenkle Construction Co., Inc., capital \$10,000, chartered; A. D. Spren-kle, 3224 Elwood Ave.

Va., Roanoke—Central Building Corp. of Roanoke, capital \$10.000, chartered; Henry C. Giles, Mac Bain Bldg. Va., Roanoke—Star Bottling Co., Inc., capital \$15,000, chartered; D. W. Moomaw, R. F. D. 2, Williamson Rd.

Va., Roanoke—Shenandoah Airways, Inc., R. F. D. No. 3, chartered; E. P. Duling, M. D. Goodwin.

M. D. Goodwin.
W. Va., Fairmont—Roofing Materials, etc.—
F. J. Lewis Manufacturing Co., capital \$50,000, incorporated; W. H. Lewis, E. F. Curda, 2513 S. Robey St., Chicago, Ill.
W. Va., Clarksburg—Akro-Agate Co., C. C. Grimmett, Gen. Mgr., S. Chestnut St., plans enlarging factory; grading of site begun.

enlarging factory; grading of site begun.

W. Va., Huntington—Owens Bottle Co.,
Toledo, Ohio, reported contemplates following improvements at the Charles Boldt
plant: One new furnace, extension of switch
tracks to a point within plant, 2 buildings
for box-making facilities, new reservoir,
warehouse and additions to present storage
and warehouse facilities; also has tentative
plans for additional buildings on property
recently purchased.\*

w. Va., Parkersburg—Parkersburg Corrugated Box Co., S. C. Foutty, Mgr., let contract to Plate Construction Co., 726 Jeanette St. for 100x200 ft. building, 50x200 ft. basement, flat slab concrete floors, built-up roof; Austin Co., Archts., Cleveland, Ohio, has acquired portion of machinery for manufacture of corrugated paper boxes. (See Machinery, Wanted—Corrugated Paper Box Machinery.)\*

Machinery. 17
W. Va., Wheeling—Wheeling Machine Products Co., 1920 Main St., let contract to Engstrom & Co., 99 Fourteenth St., to remodel building at Slacktown for manufacturing plant; estimated cost \$10,000.

#### Motor Bus Lines and Terminals

Fla., Miami Beach—City Mgr. Claude Renshaw, interested in proposed double-de bus system to replace present street of system.

system.

Ky., Lexington—J. E. Kittrell, of Reo Bus Lines Co., 245 E. Main St.; Guy A. Huguelet. 706 Trust Bidg., of Red Star Transportation Lines, and associates considering sites for terminal building; tentative plans call for capacity of 20 buses each hour.

La., Myrtle Grove—Delta Coach, Inc., capi-al \$75.000, chartered; Nelson C. Lund, 8616 Birch St.

Birch St.

Md., Hagerstown—Dixle Coach Lines, Inc., capital \$200.000, chartered; Elmer V. Hull, Robert L. Hartle.

Mo., St. Louis—Famous-Barr Co. reported acquired property cor. Sixth and Walnut Sts., 129x115 ft., adjoining present garage; will establish bus line terminal for approximately thirty-two bus lines; building will contain all modern concessions.

all modern concessions.

Tenn., Nashville—Consolidated Motor Lines, Inc., capital \$25,000, chartered; J. G. Stephenson, Independent Bldg.

Va., Norfolk—Norfolk Southern Bus Corp., care of Norfolk Southern R. R. Co., capital \$50,000. chartered; G. R. Loyal, M. S. Hawkins, Sec.; establish bus line from Norfolk to Virginia Beach; contemplate purchasing three 29-passenger buses.\*

Va., Richmond—Virginia Electric & Power Co. reported establish 7 bus lines and one new street car line and other improvements, Va., Roanoke—Eastern Public Service Corp., John N. Carney, Pres., Hartford, Conn., reported acquired Crush Bus Lines. Inc.; will operate with other lines controlled.

#### Motor Cars, Garages, Filling Stations

Ala., Birmingham — J. B. Cress, Inc. changed name from the Cress Motor Co.; increased capital to \$50,000.

Ark., Springdale—Gibson Oil Co., Kenney Bidg., Fort Smith, Ark., acquired the Phillips Filling Station; will operate.

struction Co. will establish tire cover factory; wants data on equipment, including motor knife, patterns and materials; glove fasteners; springs and rubber stencil stamping machines, etc. (See Machinery Wanted—Stencil Cutting Machine; Motor Knife; Patterns, etc.; Glove Fasteners; Springs.)

Patterns, etc.; Giove Fasieners, Springs.)
Fla., Miami—W. C. Phillips, 1125 N. E.
Second Ave., has permit for \$85,000 automobile display rooms at N. E. Second Ave.;
Donothan Building Co., Contrs., Townley
Bldg.; construction begun.

Fla., Miami—Beverly Peacock. 10th St. and 16th Ave., has permit for \$18,000 garage and filling station, Bird Rd. and Florida East Coast tracks.

Fla., Tampa—Metropolitan Garage Corp., Vlad Metchik, Crescent Apts., and E. H. Case reported leased property at N. Oregon and North B Sts.; will establish garage, install battery service, greasing, washing, polishing and general repair work.

La., Bastrop—Snyder Oil Co., Inc., capital \$9000, chartered; Chas. Snyder, A. T. Turpin, La., Dodson—Dr. J. F. Faith let contract to J. M. Gaar for filling station, Pershing High-

Md., Baltimore—The White Drive-It-Yourself Co., 421 W. Franklin St., capital \$50,000,
incorporated; Charles H. Lessner.

Md., Baltimore—The M. A. Long Co., 10
W. Chase St., will erect 1-story service station on Sisson St., for Auto Car Sales & Service Co.; brick and steel frame, 40,000 sq.
ft. ground floor area; plans not completed.

ft. ground floor area; plans not completed.

Md., Baltimore—C. J. Spielman & Son.,
Second Ave., Westport, has contract for \$10,000 municipal garage, Falls Rd. and Kelly
Ave.; 1-story, 45x31 ft., brick, slag roof; O. E.
Adams, Archt., Equitable Bldg.

Md., Baltimore—Armored Motor Vehicles
—Currency Protection Assn., Inc., 1604 Citizens National Bank Bldg., chartered; Jay
S. Strouse, Roger B. Williams.

Miss., Mendenhall—Huddleston Chevrolet
Co., capital \$10,000, incorporated; S. L. and
W. F. Huddleston.

Miss., Natchez—North American Tire Co.

Miss., Natchez—North American Tire Co. incorporated; L. T. Griffin, L. B. Brown.
Miss., Yazoo City—Brister Olden Co., capital \$25,000, incorporated; K. E. Brister, C. B. Olden.

Mo., Columbia—Allton Automobile Co., 1105
Broadway, let contract to Simon Construction
Co., 314 Guiton Bldg., at \$40,000, for garage
and sales room; 1 and 2-story, 66x145 ft.,
reinforced concrete, slab steel, steel roof
trusses, tile floor in show room and cement in
storage space, composition roof; construction
begun.\*

Mo., Kansas City—Cornell-Casper Tire Co., capital \$10,000, incorporated; Frank Cornell, Geo. J. Casper:

Mo., Kansas City-T. H. Brougham will erect garage on Thirty-first St.

Mo., St. Louis—West Side Nash Co., capital \$30,000, incorporated; Wm. J. Wolfe, 5054 Cates Ave.

N. C., Lexington—Leonard & Wagner Tire Co., capital \$100,000, incorporated; C. R. Wagner, C. S. Leonard.
N. C., Raleigh—Southern Motor Co., capital \$100,000, incorporated; S. N. Daugherty, 17 Maiden Lane.
N. C., Racke Man

N. C., Rocky Mount—Rawls Auto Parts Co., capital \$125,000, incorporated; F. L. Rawls, Geo. T. Burnette.

Okla., Cushing—Yount-Duncan Motor Co., capital \$10,000, incorporated; Chas. C. Yount, J. F. Bryce.

Okla., Holdenville—Holdenville Motor Co., Inc., capital \$100,000, chartered; Harry H. Diamond, R. E. Funk.

Tenn., Nashville—Blackwood Tire & Battery Co., 914 Broadway, will erect drive-in tire and gasoline service station, 50x100 ft., 1-story and part basement, probably brick, steel and glass; concrete floors; install 4 gas pumps; one air compressor; D. W. Southgate, Archt., Stahlman Bldg.; soon begin construction.

Tex., Brenham—The Texas Co. leased site. Austin St.; will erect modern filling station.

Tex., Dallas—Baker Automobile Rent Co., incorporated; Louis J. Hexter, Linz Bldg.
Tex., Dallas—Gross R. Scruggs of Packard-Scruggs Co., 710 N. Harwood St., acquired 4-story building, cor. Olive St. and Pacific Ave.; will remodel for sales and service facilities. Ave.: w facilities.

Tex., Houston—Houston Service Parts, Inc., capital \$10,000, incorporated; W. R. Hayes, R. L. Adkins.

illing Station; will operate. Tex., Houston—Brazos Valley Buick Co. Fla., Haines City—Pryor & Brown Con-receiving bids for construction of garage;

2-story, 125x125 ft., brick, reinforced concrete and steel; Alfred C. Finn, Archt., Bankers Mortgage Bldg.

Tex., Houston—American Railway Express Co., W. J. Cotterell, local Mgr., receiving bids for 1-story concrete and brick garage on Holly St.; J. M. Dunham, Archt., Chemical Bldg., St. Louis, Mo.

St. Louis, Mo.

Tex., Kerrville—Peterson Garage, Sid Peterson. Owner, let contract for \$30,000 garage addition; 60x210 ft.; construction begun.\*

Tex., San Antonio—General Tire Co.. Akron, Ohio, let contract to Aiken & Lehr, 412 Builders Exchange Bidg., at \$29 810. for tire service station Navarro and Romana Sts.; 1-story. reinforced concrete, brick, stucco. cast stone; for plumbing to R. G. Thomas. 127 College St.; Schroeder Electric Co., 119 Broadway, for wiring; Harvey P. Smith, Archt., National Bank of Commerce Bidg.

Tex. San Antonio—S. X. Callahan, N.

Tex., San Antonio—S. X. Callahan, N. Flores St., will erect 1-story service station; brick and concrete; John Marriott, Archt., Frost Bldg.

Frost Bldg.

Tex., San Antonio—E. H. Hagner, 433 Main St., let contract to Aiken & Lehr, Builders Exchange, at \$29,800 for tire service station, 1-story and basement, 135x76 ft., reinforced concrete, bric kand hollow tile, cement floor, built-up roof; contract for electrical wiring and plumbing awarded; construction begun.

Tex., San Marcos—E. S. Sutton, E. Hopkins St., will erect \$20,000 garage and sales room; concrete tile and brick veneer, 1-story, 90x125 ft., concrete floors; plans not completed.

story, 90x1 completed.

Tex., Tyler—Tyler Vulcanizing Co. incorporated; H. C. Cross. A. Leo Edens.

Va., Richmond—Seventh Street Garage. Seventh and Leigh Sts., plans building 87x-135-ft. concrete addition, capacity 700 cars, increasing total capacity to 1400 cars; W. L. Ragland & Sons, Archts., Merchants Natl. Bank Bldg. Bank Bldg.

Va., Roanoke—Spaulding Service Co., Inc., increased capital \$25,000 to \$75,000.

#### Railways

Fla., Venice—Venice, Englewood & Southern Railway is authorized to build a line from Venice to Englewood, Fla., 13 miles; W. D. Faucette, Ch. Engr. Seaboard Air Line, Savannah, Ga., may give information.

Line, Savannah, Ga., may give information.

La., Winnfield—Tremont & Gulf Railway has been authorized by the Interstate Commerce Commission to build an extension in Grant and LaSalle parishes, La.; Eugene Ford is Gen. Mgr. at Winnfield.

Okla., Okeene—Chicago, Rock Island & Pacific Railroad has been authorized to build a line 4 mi. long from Okeene to Homestead, Okla.; C. A. Morse, Chicago, Ill., is Ch. Engr.

#### Railway Shops and Terminals

Ala., Eufaula—Central of Georgia Ry. Co., C. K. Lawrence, Ch. Engr.. Savannah, Ga., reported let contract to Roberts & Schaefer Co., 1110 Wrigley Bldg., Chicago, Ill., for erection combined engine coaling and cinder handling plant, standard "N. & W." type equipment.

Fla., Fort Pierce—Florida East Coast Ry. Co., H. N. Rodenbaugh, V.-Pres., St. Augustine, reported will enlarge tracks and make other improvements, probably including large roundhouse.

Tex., Dallas—Southern Pacific Co. (Texas Lines), H. M. Lull, Ch. Engr., Houston, reported plans constructing freight terminal and office building.

#### Roads, Streets and Paving

Large sums are being expended for roads, streets and paving in connection with Land Development operations. Details will be found under that classification.

#### Proposed Construction

Ala., Jasper—Walker County Commr Court, E. W. Long, Judge of Probate, receives bids May 24 for 13,000 sq. yd. on course plain cement concrete pavement o Oakman to Parrish Highway; plans on file.

Ala., Luverne—City Comn. plans paving several principal streets.

Ark., Fort Smith—State Highway Dept., Little Rock, plans improving 4 roads: Gravel and hard surface Fort Smith-Charleston road, estimated cost \$50,000; change and improve section Fort Smith-Van Buren road: improv-

ing Van Buren-Alma road; straighten road from Alma to Mountainburg; W. W. Mitchell, Dist. Highway Engr.

Ark., Pine Bluff—Board of Aldermen plans curbing, guttering and paving Seventeenth Ave., Olive to Laurel St.; also plans gravel paving. Ohlo St., Sixth to Eleventh.

D. C., Washington—Dist. Commrs. receive bids May 18 for 40,000 sq. yd. cement concrete in alleys; plans at Room 427, Dist. Bild.

Bidg.

Florida—State Highway Dept., Tallahassee, proposed 3 roads: Collier County, 4 ml. Tamiami Trail. State Road No. 27, south to Monroe County line; Monroe County, standard road through county to Dade County line; Dade County and State Highway Dept., road from Dade County to point on Road No. 27; Fons A. Hathaway, Chmn.

Fla., Apalachicola—City plans expending about \$150,000 for street paving; E. S. Fraser, City Engr.

ser, City Engr.

Fla.. Bartow—Polk County plans rebuilding
9 mi. road from Frostproof to Fort Meade; 7
mi. connecting Frostproof with Vero-Tampa
cross-state road, near Florinda; bridge over
Peace River east of Fort Meade, cost \$400,000. Address County Commrs. See Financial News—Bond Issues Proposed.

Fla. Draggon—State Road Dept., Talla-

Fla., Bronson—State Road Dept., Tallahasse, received low bids for 2 roads in Levy County: 9.95 ml. grading and drainage structures, Ft. Fannin to Chiefland, Gilbert & Hadsock, Newberry, Fla., \$44.432; 14.39 ml. Chiefland to Bronson, McLeod Construction Co., 211 Stovall Bldg., Tampa, \$129,148, with concrete.

Fla., Clearwater—City Commrs. plan paing and sidewalks. See Financial News Bond Issues Proposed.\*

Fla., Dunedin—Frischkorn Florida Co., E. S. Frischkorn, Pres., 301 N. Fort Ave., Detroit, Mich., plans widening 4000 ft. extension Harrison Blyd. from city limits of Dunedin to Harrison Bly Dunedin Isles

Fla., Fellsmere—City, F. W. Dole Clk., receives bids June 11 for 25 562 cu. yd. excavation and fill, 4.7 mi. marl rock base for surface treatment paving, 49,690 lin. ft. curbs, 79,910 sq. yds. oil surface treatment; plans from J. W. LaBruce, Engr.

Fla., Fort Lauderdale—City Comn. receives bids June 1 to grade and pave 30 streets, cost about \$526 907.

Fla., Macclenny—City plans 1½ ml. concrete sidewalks, from railroad to Baker County high school; also plans widening Lake City Highway to about 50 ft. Address City Clk

Fla., Ocala—Cit Address City Clk. vssues Proposed. -City plans street improvement.

Vssues Proposed.

Fla., Orlando—City receives bids soon for additional street paving, etc.. cost \$1,700,000; Morton Macariney, City Engr.

Fla., Sanford—State Road Dept., Fons A. Hathaway, Chmn., Tallahassee, receives bids May 20 for 14 ml. grading and drainage structures, Road No. 3, Seminole County; plans on file and from Div. Engr.; J. L. Cresap, State Highway Engr.

Fla., St. Petersburg—City, Ernest Kitchen, Director of Public Works, plans 100-ft. boulevard for Ninth St. from Sixteenth St. to Disston Blvd.

Fla., Tampa—Hillsborough County Com-

Fla. Tampa—Hillsborough County Commrs., W. A. Dickenson, Clk., plan road building in Seffner and Lake Fern Dists., cost \$656,000: also paving 4 mi. Hillsborough Ave., cost \$300,000. See Financial News—Bond Issues Proposed.

Fla., Tampa—City Comn., Wm. E. Duncan, Clk., receives bids May 18 for 47.910 sq. yd. 2½-in, asphalt block pavement, including sand cushion, on 6-in, rock or shell base, 30.835 lin, ft. granite curbing, in 4 Street Improvement Dists; plans from City Engr.

Fla., Tampa—City plans widening 3 blocks alm Ave. between Tampa and Morgan St.; D. Martin, City Engr.

Fla., Tavares—Town plans 12 additional iles paving and street widening. Address own Clerk.

Fla., West Palm Beach-Palm Beach Coun-Fia., West Palm Beach—Palm Beach County Commrs, plan widening and building several roads, including Military Trail paralleling Dixle Highway; widen Ocean Blvd. to \$2 ft.; build road through Everglades, between Chosen and Kraemer, Torrey Island; build concrete bridges at Lake Worth and Boynton. cost \$8.500,000. See Financial News—Bond Issues Proposed.\*

Ky.. Carlisle—Nicholas County plans com-pleting primary road system, cost \$100,000. Address County Commrs. See Financial News. —Bond Issues Proposed.

-Adair County plans road rk Trail, including roads Ky., Columbia-Acbuilding along York

from Columbia to Burkesville, Liberty and Creelsboro, Address County Commrs. See Financial News—Bond Issues Proposed.

Ky., Frankfort — Franklin County plans road building; cost \$350,000. Address County Commrs. See Financial News—Bond Issues Proposed.\*

Ky., Russellville—Logan County Commrs an road building; cost \$500.000. See inancial News—Bond Issues Proposed.

Ky., Shelbyville—Shelby County Commrs. lan highway improvement, cost \$600,000. ee Financial News—Bond Issues Proposed.

Ky., Tompkinsville—Monroe County plans road building, cost \$150,000. Address County Commrs. See Financial News—Bond Issues Proposed.\*

Proposed.\*

Louisiana—Louisiana Highway Comn., Baton Rouge, receives bids June 15 to furnish gravel and build 4 roads; Beauregard Parish, Project No. 167-C, 11.22 mi. DeRidder Oberlin Highway, from end of gravel road 9 mi. southeast of DeRidder, to Allen-Beauregard Parish line; No. 466-B-1, 4.95 mi. Rustville-DeRidder Highway, Sugartown to intersection with DeRidder-Oberlin Highway; Catahoula Parish, 7.69 mi. Sicily Island-Clayton Highway, Foules to west end of bridge to be built over Tensas River at Clayton; Allen Parish, 11.72 mi. Oberlin-DeRidder Highway, Allen-Beauregard Parish line to point 4 ml. west of Oberlin; plans on file; W. B. Robert, State Highway Engr.

La., Cedar Grove—Town, W. G. McCord.

W. B. Rooert, State Highway Engr.

La., Cedar Grove—Town, W. G. McCord,
Clk., receives bids May 25 to pave Caddo
Ave. with reinforced concrete, Fifty-ninth to
Sixty-sixth St.; Chas. D. Evans, Town Engr.

La., Eunice—City, S. Wyble, Mayor, plans
expending about \$30.000 to gravel streets
and lay additional sidewalks.

La., Eunice—City, S. Wyble, Mayor, plans expending about \$30.000 to gravel streets and lay additional sidewalks.

Maryland—State Roads Comn., 601 Garrett Bldg., Baltimore, plans improving 9 roads, totaling about \$4 mi.: Rubble or cobblesione shoulders on Philadelphia Road; 5 ml. shoulders on Clarksville Pike, Ellicott Uny to Elioak; widen Liberty Road, Baltimore and Harrisonville; York Road, Marble Hill to Verona; Wilmington Road, Perryville to Charles Town; portions of Seventh Street Pike, near Norbeck; complete shoulders on National Pike, between Braddock Heights and South Mountain; widen 6 mi. National Pike east of Cumberland; estimated cost \$1,200,000; John N. Meckall, Chmn.

Maryland—State Roads Comn., 601 Garrett Bldg., Baltimore, receives bids May 25 for 7 roads: Washington County, 3.3 ml. macadam resurfacing, from Mapleville to Wagners Cross Roads, from Rohrersville toward Gapland, Cont. W-40; Prince Georges County, 1.25 ml. concrete, along Defense Highway, Collington toward Priest Bridge, Cont. P-62; Anne Arundel County, 1.75 ml. gravel, from Shadyside road toward Deale, Cont. AA-47; St. Mary's County, 2.37 ml. gravel, between State Road near Milestown and Bushwood Wharf, between Lee's Corner and Compton, Cont. Sm-36; Talbot County, 1.2 mi. concrete, between Perryville and Cordova, Cont. T-23; Cecil County, 3.4 ml. concrete shoulders, along Seventh Street Pike, between D. C. Line and Norbeck, Cont. M-10-C; L. H. Steuart, Sec.; John N. Mackall, Chmn.

Md., Baltimore—Board of Awards receives bids May 19 to grade, curb and pave with 100 miles of the process of the curry and pave with 100 miles of the control of the curry and pave with 100 miles with the control of the curry and pave with 100 miles with the curry and the curry and pave with 100 miles with the curry and pave with 100 miles with the curry and pave wi

Mackall, Chmh.

Md., Baltimore—Board of Awards receives bids May 19 to grade, curb and pave with 7400 sq. yd. sheet asphalt streets in Cont. No. 337; grade and pave with concrete cement alleys in Alley Cont. No. 120; plans on file: Steuart Purcell, Highways Engr.; B. L. Crozler, Ch. Engr.; Howard W. Jackson, Mayor. on his. B. L. Croz. Mayor.

Md., Baltimore—City, Howard W. Jackson, Mayor, received low bid from H. H. Hershberger, 3723 Reisterstown road, at \$26,155, to pave 5 streets in Homeland with 6-in. cement concrete.\*

cement concrete.\*

Md., Towson—Baltimore County Commrs.,
John R. Haut. Ch. Clk., receives bids May
18 to improve 4 roads: 24 ml. concrete.
Chesapeake Ave., from Bosley Ave., west; 21
ml. concrete, Green Spring Ave., City Line
to Smith Ave.; .32 ml. concrete, Driver Rd.,
from end of concrete to Caves Rd.; 44 ml.
concrete, Sherwood Ave.-Purvis Place, Ralston, from Reisterstown Rd. to Brightside
Ave.; plans from Samuel A. Green, Roads
Engr.

Engr.

Miss., Durant—City, Louis Longinotti,
Mayor, receives bids May 24 for about 20000 sq. yd. paving, 2500 lin. ft. curbing, 70:00
cu. yd. grading and storm sewers; vitrified
brick, vertical fiber brick, granite block. wood
block, asphalt, concrete, bituminous concrete,
asphaltic concrete or waterbound or bituminous macadam; plans from City Clk. or Massena L. Culley, Engr., First National Bank
Bldg., Jackson, Miss.

Miss., Laurel—Jones County Commrs, plan road building, cost \$300,000. See Financial News—Bond Issues Proposed.

Mo., Joplin — Joplin Special Road Dist. plans grading and graveling extension of East Twentieth St. Address City Clk.

Miss., McComb—City plans several hundred blocks sidewalk pavement, curbing and gutter. Address The Mayor.

gutter. Address The Mayor.

Mo., St. Louis—Board of Public Service received low bids. totaling \$278,870, to pave 10 streets with asphalt, bitulithic, vitrified brick, asphaltic concrete, including Magnolia, Clifton and Garfield Aves: Webb-Boone Construction Co., 5103 Flyer St.; Central Paving & Construction Co., 6161 Maple St.; Perkinson Bros. Construction Co., 327 Carter St.; Bridges Asphalt Paving Co., Buder Bldg. C. A. Moreno; Trinidad Asphalt Manufacturing Co., Title Guaranty Bldg.\*

Mo., Springfield—City plans paving Commercial St., Boonville to Benton. Address City Clk.

Mo., Springfield—City plans paving Commercial St., Boonville to Benton. Address City Clk.

North Carolina—State Highway Comn., Raleigh, received low bids for 15 roads and 2 bridges, totaling 154 ml., 68 ml. hard surfaced, costing \$1,617.230, and 86 ml. grading, costing \$568.917; bridges costing \$242,706; Buncombe County, 5.62 ml. hard surface, Route No. 20. Zeigler Brothers, Greensboro, \$160.543; Stokes County, 7 ml. paving, Route 77, Walnut Cove to Rockingham County line, Atlantic Paving Co., Salisbury, \$59,775; structures, J. L. Brinkley, Thomasville, \$39,415; Iredell County, 9.72 ml. grading, Route 10, Statesville to Catawba County line, Chandler & Gregory, \$65,867; structure, T. L. Brinkley, \$52,672; Catawba County line and Newton, Chandler & Gregory, \$55,885; structure, Roanoke Iron & Bridge Works, Roanoke, Va., \$24,761; Robeson and Cumberland Counties, 12 ml. paving, Route 22, St. Paul toward Fayetteville, Highway Engineering & Construction Co., Selbyville, Del., \$276,527; Bladen County, 14.36 ml. paving, Route 21, Robeson County line to Columbus County line, Blythe Brothers Co., Inc. Brevard St., Charlotte, \$273,440; Bladen County, 12 ml. grading, Route 231, Elizabethtown toward Zora, Beal Brothers, Bear Creek, \$72,617; structures, J. P. Bowers, Whiteville, \$30,113.

In Robeson County, 10.51 ml. grading, Route 70, Lumberton to Fairmont, Jamison Brothers, Inc., High Point, \$41,733; structures, Kiker & Yount, Reidsville, \$41,348; Jones County, 11.55 ml. grading, Route 303, Chandler & Gregory, \$80,796; Northampton County, 14.77 ml. grading, Route 12, Jamison Brothers, Inc., \$125.544; structures, W. D. Dean, \$31.632; Halifax County, 8.34 ml. grading, Route 12, to Tarboro, Zeigler Brothers, Greensboro, \$237,335; Wilson County, 10.18 ml. paving, Route 19, between Nash and Wilson County line, Zeigler Brothers, \$242.376; Nash County, 37 ml. paving, Route 40, into Rocky Mount, Nello L. Teer, Geer Bldg., Durham, \$13,932; Polk County, bridge on Route No. 19, near Tryon, Hobbs Peabody Co., Charlotte; Chatham County

N. C., Durham—Durham County Commrs. plan repairing Leesville road, from end of present hard surface to Wake County line; repair surface and lay catchenite surface.

N. C., Gastonia—City, D. L. Struthers, Mgr., receives bids May 14 for 20 000 sq. yds. sheet asphalt, asphaltic concrete or plain concrete pavement, 15,000 lin. ft. concrete curb and gutter, with necessary grading, drains, etc.; plans from W. E. Leeper, City Engr.

N. C., Greensboro — Guilford County Commrs. plan loan \$250,000 to State High-way Comn. to widen to 30 ft., straighten and repair Greensboro-High Point road. Route No. 10; also plan another soil road from Greensboro to High Point, north of present route.

N. C., Siler City—Town, J. C. Gregson, Clk., receives bids May 26 for 32,100 sq. yd. sheet asphalt, bitulithic or other bituminous pavement, on cement concrete foundation, or concrete pavement; combined concrete curb and gutter, granite curbing with concrete gutters; also storm drainage and sanitary sewers; plans on file; William C. Olsen, Inc., Raleigh Bank & Loan Bldg., Consit. Engr., Raleigh; J. W. Wrenn, Mayor.

N. C., Winston-Salem—Board of Aldermen plans widening about 1 mi. Waughtown road to 60 ft, and Sixth Ave. to more than 59 ft. from N. Trade to Cherry St.

N. C., Winston-Salem—City Public Works

N. C., Winston-Salem-City Public Works Committee, Harry L. Shaner, Commr., re-

ceives bids May 13 for 25,050 sq. yd. sheet asphalt paving on concrete base, 1000 sq. yd. concrete pavement, 13,860 sq. yd. exca-vation, 3625 sq. yd. concrete gutter; plans on file.

Oklahoma—State Highway Comn., Oklahoma City, receives bids May 18 for 11 roads, totaling 86 mi, grading and drainage structures, 3 mi, concrete pavement and 3¼ mi, graveling: Grading, Pawnee County, 6, 214 mi,; Nowata and Washington Counties. 18.009 mi, Bartlesville to Nawata; Stephens County, 7.783 mi, east from Marlow; Jackson County, ½ mi, in Blair; Sequoyah County, 2.035 mi, east from Marlow; Jackson County, ½ mi, in Blair; Sequoyah County, 2.035 mi, east from Marlow; Cherokee and Delaware Counties, 27.339 mi, rock work, Tahlequah to Kansas, Okla.; concrete paving, 2.5 mi, from point west of Okmulgee; ½ mi, road near Adv; gravel, Howata County, 3.758 mi, from Alluwe to County line; Okmulgee County underpass at Beggs; J. M. Page, State Highway Engr.

Okla., Ada—Pontotoc County Commrs. plan expending \$50,000 to pave road from city limits toward Roff.

Okla., Okmulgee — Okmulgee County Commrs, plan letting contract to pave road from Cooksville west toward Okfuskee County line; estimated cost \$80,000.

from Cooksville west toward Okfuskee County line; estimated cost \$80,000.

South Carolina—State Highway Dept., Columbia, receives bids May 18 for 6 roads and bridge: Greenville County, 1.037 ml. State Route No. 21, from point south of Creenville to Sta. 58; 10 308 cu. yd. excavation, 20,461 sq. yd. plain coment concrete or comlination concrete header curb and base course, with 18,756 sq. yd. asphaltic concrete; .6026 ml. Paris Mountain road, 2374 cu. yd. excavation, 6363 sq. yd. asphaltic concrete or combination concrete header curb and base course, with 5833 sq. yd. asphaltic concrete; Newberry County, 6402 ml. State Route No. 2, from city limits of Newberry to point in town of Prosperity, 1139 cu. yd. excavation, 67.600 sq. yd. plain cement concrete or combination concrete header curb and base course, with 51.976 sq. yd. asphaltic concrete surfacing; Kershaw County, 11.567 ml. State Route No. 50, Richard County line to bridge over Wateree River, 174.584 cu. yd. excavation, 27.938 sq. yd. sand clay surfacing, 16.543 lbs. reinforcing steel; Greenville County, 2.714 ml. State Route No. 20, city limits of Greenville to point in Gantt, 8104 cu. yd. excavation, 28.662 sq. yd. plain cement concrete or combination concrete header curbing and base course, with 26.274 sq. yd. asphaltic concrete surfacing; Spartanburg County, 5.769 ml. State Route No. 8 from city limits of Spartanburg to point about 2 ml. from Wellford, 86.687 cu. yd. excavation, 25.961 lbs. reinforcing steel; Lexington County, treated timber bridge over Lighterwood Creek on State Route No. 24, six 150-ft. spans; plans on file and from Div. Engr.; Samuel McGowan, Ch. Illghway Commr. Highway Commr.

S. C., Abbeville—Abbeville County F way Comn. plans building 2 roads: He Bridge and Antreville-Iva roads; cost 000

S. C., Columbia—Atlantic Coastal Highway Comn. organized; Dr. Wade Stackhouse, Chmn., Dillon: E. T. H. Dougherty, Sec., Walterboro; interested in building Coastal Highway in Dist., including Dillon, Florence, Williamsburg, Colleton, Beaufort and Jasper Counties.

S. C., Chester—State Highway Dept., Columbia, receives bids May 18 for 3.035 mi. road, Chester County, from State Route No. 9, toward Lando, 16,012 cu. yd. excavation, 9504 cu. yd. topsoil surfacing; plans from State Highway Engr.; Samuel McGowan, Ch Highway Commr.

S. C., Greenville—City, Richard W. Watson, Mayor, plans widening Buncombe St., between Butler Ave. and Lloyd St.

S. C., Walhalla—Oconee County Commrs plan building 4 roads: Fair Play to Knox's Fridge, \$10,000: Clemson College to Seneca. \$270,000: Westminster to Georgia line, via Long Creek, \$60,000: Walhalla to Georgia line, via Mountain Rest, \$60,000. to Georgia

Tenn., Carthage—State Highway Dept., Nashville, plans expending \$150,000 for highway from Carthage to Putnam County line at Chestnut Mound.

Tenn., Knoxville—City, Louis Brownlow, Mgr., plans oiling streets in various parts of city.

Tenn., Newport—Cocke County, P. A. Valentine, Clk., plans road building, cost \$36.000. See Financial News—Bond Issues Proposed.\*

Tenn., Oneida—Town plans street improve-ment; cost \$45,000. Address Town Clk. See Financial News—Bond Issues Proposed.

Texas—State Highway Dept., Hal Moseley, Chmn., Austin, receives bids May 25 for 2 roads: Callahan County. .75 ml. bituminous macadam surfacing State Highway No. 1, 8338 sq. yd. surfacing; Galveston County, 5.003 ml. Bates type concrete pavement, State Highway No. 6, South LaMarque crossing to Causeway, 12,736 cu. yd. excavation and borrow, 17,970 lbs. reinforcing steel for structures: plans from A. C. Love, State Highway Engr.

Texas—State Highway Dept., Hal Moseley, Chmn., Austin, receives bids May 25, tenrafive date, for 2 roads: Liberty County, 13.80 ml. reinforced concrete pavement Highway No. 3, estimated cost \$400,000; S. J. Treadway, County Engr.; Jefferson County, .33 ml. reinforced concrete pavement Nighway No. 3, west from Liberty County line, estimated cost \$7500; T. H. Webb, County Engr.

Tex., Beaumont—City, Ollie J. Bloyd, Mgr., plans opening Park St. aeross Southern Pa-cific R. R., between Crockett and Laurel St.

Tex., Beaumont—Jefferson County, B. B. Johnson, Judge, plans about 19 mi. road from Port Arthur to Chambers County line, connecting with road to be built by Galveston County.

Tex., Coldspring—San Jacinto County, D. M. Love. County Judge, plans 5.87 mi. grading, timber pile trestle and reinforced concrete bridges and gravel surfacing, Highway No. 35, estimated cost \$130,000; J. R. Spiller, County Engr.

Tex.. Corpus Christi—City, Mayor Lovens-kiold. plans receiving bids to widen 3 blocks Leopard St., from Broadway; H. Levinson, City Engr.

Tex., Galveston—Galveston County, Jol M. Murch, County Auditor, receives bids M 18 to grade and shell Teichman road; C. Washington, County Engr.

Tex., Galveston—Galveston County contemplates 100 mi. lateral roads, cost \$500.000. Address County Commrs. See Financial News—Bond Issues Proposed.

Tex., Groveton—Trinity County, Fred J. Berry, County Judge, receives bids June 5 for 19.054 mi. grading and bridges, Highway No. 94. Trinity-Groveton Road, estimated cost \$9600; Callahan County, .75 mi. bituminous macadam, Highway No. 1, estimated cost \$7500; T. H. Webb, County Engr.

Tex., Houston — Harris County, H. L. Washburn, County Auditor, receives bids June 1 to improve 2 roads: gravel Twelfth St. Denver Addition; extend gravel on Old Richmond Road.

Tex., Houston—Harris County, H. L. Washburn, County Auditor, receives bids May 24 to grade Selinsky road.

Tex., Houston—Dixle Land Co., B. W. Steele, Owners, 209 Main St., plans bridge snd shell surface for main driveway on Telephone Road, and Sims Bayou in 1600-acre development; estimated cost \$60 000; Howe & Wise, Engrs., \$16 First Natl. Bank Bldg.

tag.
Tex., Karnes City—Karnes County, D. O.
lingeman, County Judge, receives bids soon
r 9.07 mi. bituminous macadam surface,
lighway No. 16, estimated cost \$150,800; O.
Powell, County Engr.

N. Powell, County Engr.

Tex., Pittsburg—Camp County, Joe R. Hooton, County Judge, plans 5.795 mi. grading. bridges and bituminous macadam surfacing, Highway No. 65, Pittsburg into Titus County, estimated cost \$223,500; Chas. Chappell, County Engr.

Tex., San Antonio—City Comn.. John W. bbin, Mayor, receives bids May 17 to pave Laurel and Atlanta Sts.; I. Ewig. City

Tex., Sanderson — Terrell County, G. J. Henshaw, County Judge, plans 7.42 mi, grading, bridges and gravel surfacing, Highway No. 3. from Val Verde County line west, estimated cost \$68,700; John Stovell, County Engr.

Tex., Sherman—Paving—City Comn. plans street paving; cost \$100,000. See Financial News—Bond Issues Proposed.

Tex., Wichita Falls—City plans street improvement. Address City Clerk. See Financial News—Roads, Streets, Paving.

Va., Alexandria—State Highway Comn., H. G. Shirley, Chmn., receives bids soon for 5½ mi. 16-ft. macadam road connecting Alexandria and Fort Hunt.

Va., Martinsville—City plans street paving, cost \$130,000. Address City Clk. See Financial News—Bond Issues Proposed.\*

Va., Martinsville—State Highway Comn., Richmond, allocated \$90.000 for 3 mi, permanent road improvement from Virginia-

Carolina State line at point north of Price to Ridgeway; H. G. Shirley, Chmn.

Va., Petersburg—City, City Mgr. Drewry, plans repaying Halifax St.

Va., Richmond—City, R. Keith Compton, irector of Public Works, receives bids May for curbing, guttering, grading and graving.

Va., Richmond—City, R. Keith Compton, Director of Public Works, received low bids at \$220,379 for paving: From Anderson & Maynard, for brick paving on Meadow Bridge road; from McGuire & Rolfe, for concrete on Hull St. and Boulevard; for sheet asphalt on Park Ave., Roseneath Road, Boulevard, Leigh, Ninth St. and Semmes Ave.\*

West Virginia—State Road Comn., Charleston, receives bids June 1 for 8 roads and 5 bridges: Lincoln County, 2.7 ml. grading and draining, Griffithsville-Yawkey; Mason County, 1.1 ml. grading and draining, Letart Road; Pleasants County, 7 ml. grading and draining, St. Mary's-Wood County Road, Route No. 2; Jackson County, 8 ml. paving, Ripley-Kanawha County, 8 ml. paving, Ripley-Kanawha County, 5 ml. Thomas-Oakland; Mineral County, 3 ml. Blaine-Elk Garden; Grant County, 7 ml. paving and shoulders, Petersburg St.; Logan County, Pecks Mill Bridge and 5 ml. approaches; Marion County, Watson Bridge; Putnam County, Buffalo Bridge; Mason County, Crab Creek Bridge; Harrison County, Quote Dell Bridge.

W. Va., Huntington—City Commrs., Homer L. Yeich, Commr. of Streets, receive bids May 24 to grade, curb and pave Eighth St., Second Ave. and Five and One Half Alley; plans on file and from A. B. Maupin, City Engr. W. Ye

W. Va., Morgantown—Monongalia County Court plans road improvement in Clay Dist., including road from Morgantown to Martins-ville; cost \$525,000. See Financial News— Bond Issues Proposed.\*

W. Va., Welch—City plans paving about 6 streets, including Oak, Canal, Lake Drive. Address City Clerk. See Financial News— Bond Issues Proposed.

#### Contracts Awarded

Ala.. Florence—City Comn. let contracts at \$77,703. for about 30 or 40 blocks street paving; Independent Paving Co., J. W. Fielder.\*

Fielder.\*

Arkansas — State Highway Comn., Little Rock, let contracts for 3 roads: Columbia County, 6 mi. gravel surface, Magnolia-Village Road, J. G. Newkirk, Prescott, Ark., St., 551; Ouachita County, 8.3 mi. gravel. Camden-Stephens, \$48,213; Union County, 18.4 ml. grading and structures, El Dorado-Magnolia, Tarrant & Miles, El Dorado, \$80,837.\*

Fla.. Brooksville—Hernando County Commrs. let contracts for 4 roads: To C. B. Cox, Clanton, Ala., for rock base on Tucker Hill-Croom, Cobb and Parks road; to Moore & Law, to extend Mitchell road from present terminus to Springlake-Aripeka road.

Fla.. Bushnell—Sumter County Commrs.

Fla., Bushnell—Sumter County Commrs. et contract to McKenzie Construction Co., akeland, for St. Catherine and Weed's Landing roads.

ing roads.

Fla., Kissimmee—Osceola County Commrs, let contracts at about \$1,600,000 for several roads: Pleasant Hill road, Pryor & Bøwn Construction Co., Haines City, \$216.721; Kenansville road, Steed & Walker, Okeechobee, \$565,058; other roads, Gregory & Wilson, Little Rock, Ark., \$818,221; all contracts subject to sale of bonds.

Ga., Atlanta—City let contract to MacDougald Construction Co., Atlanta, at \$32-697 for 10,723 yd. 3-in. sheet asphalt on 6-in. concrete foundation.

Ga. Brunswick—City Comn. let contract

in. concrete foundation.

Ga., Brunswick—City Comn. let contract to Dixon Construction Co. to pave with 3-in. asphalt about 15 blocks on Norwich St. and asphalt on road to Glynn Ave.

Ga., Eastman—City, M. C. Edwards, Mgr., let contract to Davis Construction Co., 162 Means St., Atlanta, at \$63,935 for about 23,060 sq. yd. plain one-course 6-in. concrete pavement, 10,000 sq. yd. 4-in. concrete sidewalks.\*

walks.\*

Louisiana—Louisiana Highway Comn., Baton Rouge, let contracts for 3 roads: Red River Parish. 2 sections, totaling 9.81 mi. gravel, Campti-Coushatta Highway, Hankin Bros.. Natchitoches, \$53,881; Washington Parish. 7.07 mi. Franklinton-Covington Highway. J. H. Newton Construction Co., Amite, \$41,215.\*

La., Lake Charles—City Comn. let contract George L. Riling for sidewalk paving on Division St., Bank to Boulevard. La., Jennings—Louisiana Highway Comn.,

Baton Rouge, let contract to G. B. Zigler, Jennings, for 5.21 ml, Lafitte Cut-Off road between Lake Arthur and Lake Charles.\*

Baton Rouge, let contract to G. B. Zigger, Jennings, for 5.21 ml. Lafitte Cut-Off road between Lake Arthur and Lake Charles."

Maryland—State Roads Comn., 601 Garrett Bldg., Baltimore, let contract for 12 roads: Garrett County, 41 ml. concrete, between Deer Park and Kitzmiller, Tri-State Engineering Co., Cumberland, \$13.176; 2.1 ml. grading and draining, Friendsville toward Pennsylvania State line, H. W. Kaylor, Hagerstown, \$28.059; Frederick County, 23 ml. concrete, between Graceham and Rocky Ridge, E. C. Valentine, Rocky Ridge, \$6091; 54 ml. macadam surfacing, through Creagerstown, L. R. Waesche & Son, Thurmont, \$10,748; Calvert County, 1.5 ml. gravel, All Saints' Church to Lower Marlboro, E. R. P. Smith, Hyattsville, \$13.191; Montgomery County, 3.86 ml. concrete shoulders, along Old Georgetown Road through Battery Park, Corson & Gruman Co., 33rd and K Sts. N. W., Washington, D. C., \$27.798.

In Harferd County, 5.6 ml. concrete shoulders, along Belair-Conowingo Road, Hickory to McCann's Corner, Thomas, Bennett & Hunter, Westminster, \$45,000: Anne Arundel County, 4.95 ml. concrete shoulders, Annapolis Blvd., between Waterford Mill Dam and Jones, Development & Construction Co., 710 American Bldg., Baltimore, \$34,638; Carroll County, 1 ml. concrete, Taneytown toward Pennsylvania State line, Poffenberger & Mause, Myersville, \$21,336; Prince George's County, 4.72 ml. concrete shoulders and amlesite resurfacing, Upper Marlboro Road, between District of Columbia line and Meadows, Thomas, Bennett & Hunter, \$75,360; Wicomico County, 1.01 ml. concrete, Snow Hill road, P. D. Phillips & Bro., Salisbury, \$19.294; Worcester County, 4 mi. concrete shoulders, along Ocean City road, from St. Martin's to Berlin, P. D. Phillips & Bro., \$13,774.\*

Md., Frederick—Frederick County Commrs. let contract to M. J. Grove Lime Co., Lime Kiln, Md., to improve 4 to 5 mi. road, be-tween Point of Rocks and Doubs Switch.

Miss., Coffeeville-Yalabousha County Bd. Supers. let contract to Watson & Camp-ll, Charleston, at \$20,000, for 1% ml. avel surface, Jeff Davis mighway, across

N. C., Rutherfordton—City, J. F. Flack, Clk., let contract to Wilson Construction Co., Charlotte, at \$45,000 for 12,000 sq. yd. concrete street paving.\*

N. C.. Spindale—City, H. A. Biggerstaff, Clk., let contract to J. C. Crocker & Co., Forest City, for 7100 ft. concrete sidewalks, curbs and gutters.\*

N. C., Waynesville—Catawba Construction Co., Asheville, has contract to grade 19 mi. road from Balsam to top of Jones Knob, in Balsam Mountains development.

N. C., Winston-Salem—Board of Aldermen let contract to Powell Paving & Construction Co., Wachovia Bank & Trust Bldg.. to surface Waughton Road, Peachtree to Vargrave Ave.\*

Okla., Okmulgee — Okmulgee Count Commrs. let contract to E. I., Locker, Par and Moran, Okmulgee, for paved road ea-of Morris toward Muskogee County line.

Okla., Wewoka — City let contract Nichols-Daugherty Co., Muskogee, for additional blocks of paving.

Tex., Elgin—City let contract to L. 2 Clopton to grade streets. Address City Clk.

Tex., Galveston—City Commrs. let contract to H. J. Hetkes, 3113 R½ St., at \$36,756, to pave Ave. H, 40th to 46th St.

Tex., Hondo—Medina County, R. J. Noonan. County Judge, let contract to Colglazier & Hoff. 922 Austin St., San Antonio, at \$171.003 for 1-in. Ilmestone rock asphalt surfacing on 5 sections roads, totaling 35.30 mi, through county.\*

through county.\*

Tex., Marlin—State Highway Comn., Hal Moseley. Chmn., let contract to Hannah Construction Co., Colgin Bldg., Waco, at \$22,000 for 9.2 ml. gravel resurfacing Highway No. 44. Falls County-McLennan County line.\*

Tex., San Antonio—City Comn., John W. Tobin. Mayor, let contract to Uvalde Road Asphalt Co., Frost Natl. Bank Bldg., to pave 2 blocks on Broadway.

W. Va., Berkeley — West Virginia Road Comn., Charleston, let contract to Miller Construction Co., Cumberland, Md., at \$12,900 to improve 1 ml. Brosius Hill, Morgan County, south of Hancock, Md.

W. Va., Huntington—City Comn. let con-

W. Va., Huntington—City Comn. let contracts at \$19,075 to pave 4 streets with brick and concrete; Lucien Bias, 2806 Ohio Ave.; George Henkle, 1737 Sixth Ave.; J. A. Griffith; J. Ullom.

#### Sewer Construction

Large sums are being expended for sewage facilities in connection with Land Development operations. Details will be found under that classification.

Ala., Hartselle-See Water Works.

Ala., Selma—City, T. J. Rowell Mayor, receives bids May 31 for sanitary sewers. (See Machinery Wanted—Sewers.)

Ark., Little Rock—City receives bids May for construction of sewers in Sewer Dist-ct No. 101. (See Machinery Wanted— Sewers.)

D. C., Washington — Office Constructing Quartermaster, Room 2236 Munitions Bidg., receives bids May 27 for constructing sani-tary sewer at Boiling Field. (See Machinery Wanted—Sewers.)

Fla., Charlotte Harbor-See Water Works.

Fla., Lakeland—City let contract to Erler Corp., Citizens Bank Bldg., Tampa, for sewage treatment plant; cost \$104,000; Chas. C. Brown, Consit. Engr., Hartsell Bldg.\*

Fla., Ocala—City plans \$60,000 park im-rovements. See Financial News—Bond Isovements. See les Proposed.\*

Fla., Orlando—City will install sewer, dig drainage wells. Address The Mayor.

Fla., St. Petersburg—City reported let contract to Gedney Construction Co., 2626 Fighth Ave. S., and J. Paul Jones for storm sewers; cost \$546,000.\*

Ga., Augusta—City plans sewer improvenients. See Financial News—Bond Issues Proposed.

Ky., Ashland—City will probably vote on bends for completion of trunk sewer; Thos. Bogges, Supt. Public Works. Ky., Ashland—Chas. N. Menshouse has contract for sanitary sewer on Crooks St. in

Ky., Louisville—Commrs. of Sewerage receives bids May 28 for Beargrass Creek Improvement. (See Machinery Wanted—Sew

Md., Baltimore—City receives bids May of for Maidens' Choice Run trunk sewer. ection No. 2, Sewer District G-2. (See Ma-niery Wanted—Sewers.) 19

Md., Baltimore — Carozza-Rowe Construc-tion Co., 624 N. Gilmor St., low bidder at \$479,971 for Gwynns Run diversion tunnel.\*

Miss., Durant-See Roads, Streets, Paving. C., Charleston—City receives bids May for sewers. (See Machinery Wanted ewers.)

Mo., St. Louis—M. D. Maguire lowest bidder at \$10,505 for section C of North Baden public sewer extension.\*

public sewer extension.\*

S. C., Chester—City will improve sewer and water system. See Financial News—Bond Issues Proposed.

Tenn., Chattanooga—J. C. Mishler, 105
Spruce St., has contract for 20 miles of sewers in North Chattanooga.\*

Tenn., Cookeville-W. P. Morris Plumbing Co. has contract at \$20,948 for sewer system.\*

Tenn., Oneida—City will construct sewers. ee Financial News—Bond Issues Proposed. Tex., Dallas—See Water Works.

Tex., Dublin—City will install sewerm. See Financial News—Bond Issue

Tex., Fort Worth—City let contract to Duke Burgess, Stop Oakland, for Ave. H Sewer, and Tarrant Construction Co., 1005 Calhoun St., for W. Seventh St. sewer.\*

Tex., Grapevine—City let contract to Roy Goodman, Clarksville, for sewers.\*

Tex., Haskell—City, T. C. Cahill, Mayor, receives bids May 20 for sewer improvements. (See Machinery Wanted—Sewers.)

Tex., Knox City—Firmin & Johnson, 11 S. Madison St., Dallas, has contract for \$19, 000 sewer system and disposal plant; Devlin Engineering Co., Engr., Central Bldg., Ama rillo.

Tex., Ralls-Municipal Engineering Co., Athletic Club Bldg., Dallas, has contract for

Tex., Wichita Falls—City will extend sewer ad water systems. See Financial News— and Issues Proposed.

Va., Bristol—City plans expenditure \$16,-% for Lee Heights flood sewer; William 800 for Lee F Fawcett, Engr.

Va., Pennington Gap—Town is receiving bids for sewer system. (See Financial News —Bond Issues Proposed.)

Va., Woodstock—Town receives bids Ma 18 for sewer pipe. See Machinery Wanted Pipe (Concrete); Pipe (Vitrified Clay.)

#### **Telephone Systems**

Telephone Systems

Ala., Birmingham—Southern Bell Telephone & Telegraph Co., main office Atlanta, Ga., wires: "Let contract to Day & Sachs, 2400 Avenue E, for building at 1715 Sixth Ave., 4-story, 140x190 ft., reinforced concrete, install machine-switching equipment; Marye, Alger & Alger, Archts., Walton Bldg., Atlanta; also erect 2-story building for machine-switching equipment at Avenue R and 30th St., Ensley, 50x100 ft., reinforced concrete; Marye, Alger & Alger, Archts., Walton Bldg., Atlanta; D. D. Thomas & Sons, Contrs., 463 N. Dunlap St., Memphis, Tenn.\*

Ky., Mayfield—Cumberland Bell Telephone & Telegraph Co., main office Atlanta, Ga., will erect building on S. Eighth St., near Broadway; 2-story, brick; construction to begin soon.

Miss., Morgan City — LeFlore Telephone Co., capital \$10,000, incorporated; W. B. Poindexter, W. P. Morgan.

#### Textile Mills

Ala., Gadsden—Sauquolt Spinning Co. reported let contract to Gadsden Clay Products Co. for bricks.\*

Co. for bricks.\*

Ga., Lagrange—Unity Spinning Mills lets contract May 14 for 10,000-spindle mill; J. E. Sirrine & Co., Engrs.. Greenville, S. C.\*

N. C., Burlington—C. E. Fogleman, J. T. Black, Proprs. Standard Hosiery Mills, Inc., Alamance, interested in establishment of 100-machine hosiery plant; has building, and purchased machinery.

N. C., Marshville—Marshville Cotton Mills, Inc., capital \$100,000, incorporated; Edwin Morgan, Laurel Hill; B. C. Parker, Waynesville.

N. C., Stanley—Lola Gingham Mills reported acquired by J. F. Anderson, Jersey City, N. J.
S. C., Greenville—Southern Worsted Corp..
B. E. Geer, Pres., votes May 27 on increasing capital, \$1,200,000 to \$1,400,000.

ing capital, \$1,200,000 to \$1,400,000.

Tenn., Kingsport—Holliston Mills of Tennessee, Inc., manufacturers of book cloth, will open bids May 18 for construction of 2 new buildings about 530x75 ft., of brick and steel, monitor roof, part of one building to have second story; all similar in construction to buildings now used; will bleach all their own cloth both for Kingsport and Norwood, Mass., plants and finish about 10,000,000 yds. of less expensive grades of book cloth here; Hollis W. Plimpton, of Holliston Mills, Norwood, Mass., head of new corporation; Charles E. Leonard, Engr., Kingsport.\*

Tex., Corpus Christi-S. Maston Nixo Pres., Blacklanders, Inc., reported intereste in \$300,000 cotton mill.

Tex., Harlingen—Valley Cotton Mill chartered; S. F. Ewing, L. H. Thompson; also increased capital to \$300,000.

#### Water Works

Large sums are being expended for water-works in connection with Land Develop-ment operations. Details will be found under that classification.

Ala.. Birmingham—Bluff Park Community Club, T. Lucien Moses, reported interested in water works for Shades Mountain; cost \$66,000.

Ala., Florence—City, Mayor Easley, plans constructing standpipe and purifying basin. Ala., Hartselle—City will construct water estem and septic tanks for sewers. Ad-ress The Mayor.

Ark., Fayetteville—City let contract to R. K. Frazier to erect fireproof building for pumping equipment.\*

Fla., Charlotte Harbor—Clty, L. L. Barn-hill, Mayor, contemplates installing water and sewer system. See Financial News—Bond Issues Proposed.

Issues Proposed.

Fla., Daytona Beach—City, Walter A. Richards, Mgr., is preparing plans for water-softening and filtration plant; 5,000,000 gal. daily capacity, with necessary pumping equipment, etc.; will install electric motor drive, centrifugal pumps or oil engine-driven pumps; Metcalf & Eddy, Engr., 14 Beacon St., Boston, Mass.\*

Fla., Ocala—City plans \$50,000 water works. See Financial News—Bond Issues Proposed.

Fla., St. Augustine—City let contract to Gray Artesian Well Co., Pensacola, for 8 pumps.

Fla., St. Petersburg—City reported let contract to Ladd Construction Co., Jacksonville, for \$1,000,000 water and gas main extensions; National Cast Iron Pipe & Foundry Co., Birmingham, Ala., has contract for pipe, fire hydrants, etc.\*

Fla., Vero Beach—City will erect addition to water and light plant. See Financial News—Bond Issues Proposed.

Fla., West Palm Beach—West Palm Beach Water Co. will construct \$500,000 pumping station on Clear Lake; increase capacity to 26,000,000 gal. daily; Turner Construction Co. in charge.

Ga., Swainsboro—City receives bids May 14 for materials and laying east-iron pipe. (See Machinery Wanted—Water Works.)

Ga., Wrens—J. B. McCrary Co., Cit Southern Bank Bldg., Atlanta, has act for water works system.\*

La., Baton Rouge—Kleinpeter Water Co., Irc., capital \$10,000, incorporated; W. P. Connell, 243 Lafayette St., operate water works system works system.

Md., Baltimore—City, V. Bernard Siems, Water Engr., receives bids May 19 for elec-trical equipment for substation at Hillen Pumping Station. (See Machinery Wanted —Electrical Equipment.)

Miss., Gulfport—City let contract to Wal-ler Castenado, Inc., Canal-Commercial Bidg., New Orleans, La., for installing 2 centrifugal, electric-drive pumps for additional water

Miss., Gulfport—City is having plans pre-pared by H. D. Shaw, Engr., for 1,000,000-gal. reservoir on Twenty-fourth Ave. and Eight-eenth St.

Miss., Gulfport—Board of Commrs, receives bids May 29 for furnishing and installing 2 direct connected motor driven centrifugal pumps, 1500 g. p. m., also for pipe and electrical installations complete, alternate bids on oil and gasoline motors.

Miss., Pascagoula—City will extend water mains. See Financial News—Bond Issues Proposed.

Mo., St. Louis—Director of Public Utilities receives bids May 25 for foundations and substructure of power plant, Howard Bend water works.

(See Machinery Wanted—Power Plant)

N. C., Durham—City, R. W. Rigsby, Mgr., plans constructing water works at Flat River. See Financial News—Bond Issues Proposed.
N. C., Durham—City let contract to Grinnell Co., Inc., N. Charlotte St., Charlotte, for water and soil pipe.\*

water and soil pipe.\*

N. C., Elizabeth City—City plans constructing \$250.000 filtration plant; 100x33 ft., 2 stories, with central tower of 3 stories: construct basin 75x75 ft., 14 ft. deep, to maintain supply of 1,000,000 gal.: install steam-heating plant; soon call for bids. Address The Mayor.

N. C. Tyron—City, W. S. Gren, Mayor.

dress The Mayor.

N. C., Tyron—City, W. S. Gren, Mayor, receives bids June 3 for filtration plant. (See Machinery Wanted—Filtration Plant.)

Okla., Okmulgee—City let contract to A. A. Davis Co., Medical Arts Bldg., Oklahoma City, for 1200 ft. dam to form 720-acre lake for water supply; L. F. Harze, Conslt, Engrs., 919 Monadnock, Bldg., Chicago, Ill.\*

Okla., Covington—City reported plans water works improvements; C. A. Wood, Engr., Stillwater. See Financial News—Bond Issues Proposed.

S. C., Chester—City will improve water and sewer system. See Financial News—Bond Issues Proposed.

Tenn., Johnson City—City plans extending water works system; cost \$200,000. Address The Mayor.

Tenn., Knoxville—City. Alexander Harris Director of Public Service, receives bids May 20 for installing 950 ft. of 16-in trunk-line water main. (See Machinery Wanted—Water water Main.)

Tenn.. McKenzie—See Electric Light and ower Plants.

Power Plants.

Tenn.. Rutherford—A. E. Cunningham, Engr.. advises that contract for installation of water system has been let to Pittsburgh-Des Moines Steel Co., Des Moines, Iowa; work includes one 50,000-gal. tank on 100-ft. tower, 100,000-gal. reinforced concrete reservoir; 500 g. p. m. 125 lbs. pressure Daton Dowd underwriters' fire pump, direct connected to Van Blerk engine; 500 g. p. m. Daton Dowd commercial pump; 10,000 ft. of 6-in. and 9162 ft. of 4-in. water mains; 26 fire hydrants and necessary valves and fit-

tings; Layne Central Co., Memphis, has contract for drilling 2 wells; well-pumping equipment not purchased.

Tex., Amarillo—City plans water supply, including 16 mile pipe line, 2 pumping stations and reservoir with probable capacity 5 000,000 gals.; Wynkoop Kiersted, 614 Interstate Bldg., Kansas City, Mo., Consit. Archt.

Mansas City, Mo., Consit. Archt.
Tex., Beaumont—Magnolia Petroleum Co.,
Crockett and Ave., reported to construct
own water main to city water intake.
Tex., Dallas—J. W. Lindsey & Co., 1209
Main St., is receiving bids for water works
and sewer improvements for 300 acre subdivision.

division.

Tex., Dallas—Dallas County Fresh Water Supply District No. 9, Walter S. Collier. Sec., board of Supvrs., Route 12, Box 291, will expend \$110,000 for water works system; about 65,000 ft. of 4 to 12-in. sand cast pipe. standard fire hydrants; E. L. Dalton, Engr.. Wilson Bldg.; will call for bids within 30 days.\* (See Machinery Wanted—Tapping Machine—Water Pipe.)

Tex., Edinburg-City, A. J. Ross. Mayor. reported plans water and light plant extension.

rex., Houston—City, O. F. Holcombe, May-r, is receiving bids for completing 15,000 000 al. reservoir on Sabine St.; J. C. McVea, or, is gal. Engr.

Tex.. Kemp—Allis-Chalmers Mfg. Co., Magnolia Bldg., Dallas, has contract for pumps and motors for water works; Koch & Fowler, Engrs., 801 Central Bank Bldg.\*

Tex., Wichita Falls—City will extend sewer and water systems. See Financial News—Bond Issues Proposed.

Va., Martinsville—City voted \$200,000 bonds for water works and streets. Address The Mayor.

#### Woodworking Plants

Miss., Hattlesburg—Wood Products—Currie-Paxton Corp., T. K. Currie, Pres., acquired plant and machinery of F. K. Paxton Co.; will manufacture wood parts for automobiles, including steering wheels, running boards, etc.

Mo., St. Louis-Furniture-J. D. Carson Co., incorporated; L. G. Sherman, 714 Le-land St.

N. C., Burlington—Southern Furniture Co., capital \$250,000, incorporated; Col. Eugene Holt of Burlington; C. E. Haworth, High Point; plans establishing plant to manufacture bed room furniture.

C., Statesville—Kincaid Veneer Co., 1 \$125,000, incorporated; H. L. and J. Kincaid.

Tex., Houston—The Houston Showcase & Manufacturing Co., 3616 Washington St., increased capital \$25,000 to \$150,000.

Tex., Wichita Falls—Bolton Furniture Co., Inc., capital \$20,000, chartered; M. D. Bolton, 1518 Tenth St.

Va., Marion—Marion Handle Mills, Inc., Lee M. Cole, Jr., Pres., nas building; will erect power plant; install handle machinery, furnished by Ober Mfg. Co., Chagrin Falls, Ohio; Bowling Green Machine Works, Bowling Green, Ky.; Wayne Machinery Co., Fort Wayne, Ind.\*

#### FIRE DAMAGE

Ala.. Blountsville — Girls' dormitory at State Secondary School, Prof. J. C. Pennington, principal.

-Methodist Church parson-g dwellings. Address The Ala., Madison—Methodist ge and adjoining dwellings.

Ala., Mobile-National Turpentine & Products Co.'s plant at Crichton; loss \$50,000.

Ala., Oneonta—City Hall and other bldgs.; loss \$25,000. Address City Council.

Ark., Earle-Farmers Gin Co.'s plant; loss \$15,000.

Ark., Pettigrew-J. D. Jackson, general store and warehouse; loss \$10,000.

Fla., Bradenton—Warehouse of W. G. Church Wholesale Grocery Co.; loss \$75,000. Fla., Caryville — Brown-Florida Lumber Co.'s sawmill, dry kiln, planer mill and lumber stock; loss about \$1,000,000.

Fla., Clearwater—Clearwater Typewriter cchange, Rogers Real Estate Co., Camera top, Clearwater Cleaning Establishment, rth's Restaurant and Curio Shop; loss

Fla., Jacksonville—Portion of Talleyrand ocks near Twenty-first St. Address Frank . Owen, City Commr.

Fla., Jacksonville—Jones-Chamberliss Co. meat packing plant, 1055 Forest Ave.; loss \$25,000.

Fla., West Palm Beach,—Planing mill of F. McBride; loss \$15,000.

Ga., Hawkinsville—Hawkinsville Light & ower Co.'s plant.

Power Co.'s plant.

Ky., Island—Dr. J. L. Fitzhugh's office, telephone exchange, A. R. Pollack's drug store, Howell's Building, C. E. Bibb's barber shop, McGee's grocery, C. W. Reynolds' meat market, grocery, grist mill and residence, Layton Andrew's residence and 2 residences of Lee Land Coal Co.; loss \$50,000.

Ky., Lexington—Rusell Cave School building; loss \$55,000. Address Miss Mattie Dalton, Supt. Fayette County Board of Education.

Ky., Owensboro—Drying room of Hodge obacco Co.; loss \$15,000.

La., Baton Rouge—Residence, 825 America St., of Tom Grace, member, Bynum & Grace, Laurel St.

La.. Cedar Grove—Brenner Lumber Co.'s sawmill.

Md., Baltimore—Brick building of Wilkens Bros. hair factory, Frederick Avee. Md., Baltimore — Clubhouse of Friends' School near Charles Street and Windhurst Aves.; loss \$30,000.

Md., Crisfield—Asbury M. E. Church, address The Pastor; loss \$200,000; Geo. W. Lawson's factory; Topkis Shirt Co.; Geo. E. Maddrix' store; Maddrix & Nelson's garage; Wm. Sterling's residence; loss \$50,000.

Md., Elkton-Sawmill of Ira A. Moore near Pleasant Hill.

Md., Frederick—Cottage on State Rd. near Highfield, owned by Misses Alyce, Elizabeth and Edmonia Whittle, 227 W. Freemason St., Norfolk, Va.

Miss., Centerville—E. T. Hughes' motionpicture theater, Mayor John L. Ash's build
ing. garage in Ash Building owned by Seeley
Motor Co., Wren Drug Store; loss \$70,000.
N. C., Hendersonville—Buildings occupied
by Smith's Bakery, Climax Barber Shop on
Main St., loss \$50,000.
S. C. Chattan, Barn, and A. oddictor.

S. C., Chester—Barn and 4 adjoining buildings at Chester County almshouse. Ad-dress J. Edw. Orr, Supt.

S. C., Kingstree-Mallard Lumber Co.'s plant; loss \$75,000.

Tenn., Athens-Mrs. Helen Talent's residence, West Athens. Tenn., Chattanooga—Portion of South-eastern Oil Co.'s plant on Central Ave.; loss \$100,000.

Tenn., Clarksville—Store building on Franklin St. owned by Sam Friedman and occupied by L. Bader; loss \$15,000.

Tenn., Fayetteville—Residence owned by Will Smith, occupied by Lee Russell; loss \$10,000.

Tenn.. Morristown—Warehouse of Taylor Table Co.

Tex., Galveston—Third floor of Speer Bldg., 21st and Market Sts., occupied by Y. M. H. A.; loss \$10,000.

Tex.. Marshall—J. C. Norris' residence, State St.

Tex., San Antonio—Warehouse of Alamo aper Stock Co., Seguin Road and New raunfels St.; loss \$50,000.

Va., Amberst—Barn, grading houses and farm and spraying equipment of Montrose Fruit Co., on Tobacco Row Mountain, Amberst County; loss \$20,000.

Va., Danville—Luke Woodward's garage and repair shop on W. Main St. and adjoining property.

va. Danville—Gilmer's Department Store; Woolworth's Store; Bijou Theater, operated by Southern Amusement Co. and owned by A. C. Conway, Dunford's Studio; armory of Danville Grays; loss \$500,000.

Va., Danville—Two upper floors of Robert-m Building, Market and Main Sts; loss \$50,000.

Va., Elon—Residences of Jack Hudson and Rowland Lea and outbuildings, all on Montrose Fruit Farm.

Va., Hopewell—Building owned by Norwood Wilson (purification plant in old Dupont area), loss \$23,000.

Va., Lancaster—Chas. Rice's store, residence, outhouses, barns, etc. Va., Norfolk—Two main buildings of Nor-lk Cotton Oil Co. at Money Point; loss

W. Va., Grafton—Tygart Valley Glass Co.'s plant, loss \$500,000,\*

### BUILDING NEWS

#### BUILDINGS PROPOSED

#### Association and Fraternal

Ark., Little Rock—Al Amin Shrine Club J. G. Burlingame, Potentate, let contract for \$150,000 clubhouse south of Little Rock to Herman & McCain Construction Co., Reigler Bldg.; 1 story, field stone, 3 stone fireplaces, dressing rooms, lockers, showers, etc., porch on 3 sides; Wittenberg & Delony, Archts., Southern Trust Bldg.

Ark., Mammoth Spring—Napoleon Hill Y. M. C. A. Camp. R. B. Clinton, Pres., erect administration bldg.; remodel present structure for dormitory.

Fla., Gainesville—Young Men's Christian Assn., J. M. Johnson, Sec., erect \$125,000 building at University of Florida.

Fla., Melbourne—Masonic Temple Corp., C. H. Stewart, Pres., erect 4-story temple, Dixle Highway and Palmetto St.; about 93x 100 ft.; W. W. Christen, Archt.

Ky., Madisonville—Independent Order of Odd Fellows, R. Blanks, Chmn., Bldg. Comm., erect \$40,000 building after plans by J. T. Waller, Ninth and Main Sts.; brick, 3 stories and basement, 50x105 ft., concrete and wood floors.

Ky., Paducah—Paducah Lodge No. 217, B. P. O. E., erect \$250,000 building, Sixth and Jefferson Sts; fireproof, concrete, brick and stone, 3 stories and basement, composition roof; Joseph & Joseph, Archts.-Engrs., Francis Bldg., Louisville. See Machinery Wanted.\*

Machinery Wanted.\*

Mo., Kansas City—Blue Valley Branch.
Young Women's Christian Assn., erect \$50,000
brick bullding, 6606 E. 12th St.

Tenn., Chattanooga—Ganja Grotto. M. O.
V. P. U. R., erect log and plaster clubhouse
on 70-acre tract; construct 10 acre lake by
damming Chattanooga Creck, construct golf

Tex., Laredo—Laredo Chapter, Knights of Pythias, L. J. Perkins, Sec., receiving bids, date of opening not set, for reinforced correte, hollow tile and face brick building; 3 stories and basement, 48x105 ft.; foundation to permit additional stories; L. Harrington & Co., Archts.-Engrs., Builders Exchange Bidg., San Antonio.\*

Bldg., San Antonio.\*

Tex., Mercedes—Benevolent Protective Order of Elks opens bids about 2 weeks for hollow tile and stucco clubhouse; 2 stories, basement and roof garden; cost \$55,000; furnishings, equipment, etc., \$10,000; Stebbins & Waters. Archts., Weslaco. Address H. E. Hager, Mercedes. See Machinery Wanted.\*

Tex., San Juan—San Juan Lodge, A. F. & M., erect \$25,000 temple; brick and tile, stories, 40x120 ft.

va., Richmond—Masonic Home of Virginia, Broad Street Rd., receives bids May 13 for additions; auditorium to seat 500, fireproof, new rooms, enlarge infirmary; cost \$100,000; Marcelius E. Wright, Archt., American Natl. Bank Bldg.

#### Bank and Office

Ark., Newport—Holden Land & Lumber Co., J. R. Holden, owner, erect \$35,000 office bldg. to replace burned structure.

bldg. to replace burned structure.
Fla., Fort Lauderdale—H. L. Lyons erect \$90,000 areade building, Brickell Ave.; 3 stories, 75x130 ft.; 11 stores on first floor, 35 offices above, each with running water and telephone connections; John M. Peterman, Archt., 346½ Las Allas Blvd.

Fla., Jacksonville—W. J. Hildebrandt, 122
Julia St., erect \$500,000 store and office
bldg., W. Adams and Julia Sts.; steel frame,
concrete walls, stone and brick exterior, 6
stories, with foundation for 4 additional
stories; Marsh & Saxelbye, Archts., Consolidated Bldg.; work start about June 1.

Fla. Manni—Federal Realty Corp. May

Fla., Miami—Federal Realty Corp., Max Ettinger, Pres., 37 N. W. First St., plan remodeling bldgs. for addition to Federal Arcades; stores on first floor, offices on sec-ond and third.

ond and third.

Fla., Tampa—L. M. Anderson, care Anderson Dental Supply Co., Stovall Bldg., and others, interested in 11-story Professional Bldg., Grand Central and Parker Sts., for dentists and doctors; cost about \$700.000; 100x100 ft.; dining room, library, clinic, rest rooms, etc., on upper floors; Robt. B. Crowe, Archt.

Ga., Savannah-Citizens Trust Co., Hugo

I. Frank, Pres., remodel building, Bull St. near Congress St., for new quarters,

near Congress St., for new quarters,
La., Algiers, New Orleans—Algiers Trust & Savings Bank receives bids May 26 for pressed brick building, Verret and Eliza Sts.; composition roof, vaults, fixtures, 1 story, 40x60 ft.; Favrot & Livaudais, Ltd., Archts., Hibernia Bank Bldg., New Orleans; following contractors estimating: T. J. Lawson, 1624 Newton St.; Henry Himmelreich, 448 Elmira Ave.; Thos. Pollock, 311 Eliza St.; John Mineo, 436 Elmira St.; Theo. O. Hotard, 235 Lavergne St.; Cooper & Sperier, 311 Lavergne; Geo. Lawson, Webster and Homer Aves.\*

La., New Orleans—Sixth District Building & Loan Assn., 4322 Magazine St., rejected bids for alterations and additions to building; matter deferred.\*

N. C., Greensboro—Richardson Realty Co., Piedmont Improvement Co. and others probably let contract within 15 days for 4-story Piedmont Bldg., N. Elm St.; 75x140 ft., cost \$100.000 or more; Harry L. Barton, Archt., Jefferson Bldg.\*

Tenn., Gleason.—Bank of Gleason, Dr. R. W. Bandy, Cashr., plans building. Tenn., Kingsport.—First National Bank re-ected bids for building, Center and Broad Sts.; will revise plans and call new bids.

Sts.; will revise plans and call new bids.

Tex., Corpus Christi — S. Maston Nixon plans to let contract about May 20 for concrete, terra cotta, face brick and tile office building: cost \$200,000, S stories, 50x85 ft., tile corridors, cement office floors, concrete foundation and footings; Adams & Adams, Gibbs Bidg., San Antonio, and C. T. Fincham, City Natl. Bank Bidg., Copus Christi, Archts.; W. E. Simpson Co., Engr., National Bank of Commerce Bidg.

Tex., Galveston—D. S. Montgomery, Agent for Spear Bidg., 21st and Market Sts., will repair third floor of structure damaged by fire at \$15,600.

Tex., McAllen—First National Bank, J. A.

Tex., McAllen—First National Bank, J. A. Frisby, Pres., receive bids after May 20 for remodeling building cost about \$50,000; Harvey P. Smith, Archt., Nat. Bank of Commerce Bldg., San Antonio.\*

rey F. Smith. Archt., Nat. Bank of Commerce Bldg., San Antonio.\*

Tex., Wichita Falls—Western Medical Arts Ruilding Corp., care Dr. Anthony McClory, Bob Waggoner Bldg., reported take sub-bids within few days for fireproof Medical Arts Bldg., Eighth and Lamar Sts.; brick, stone or terra cotta, reinforced concrete; 11 stories and basement, 100x150 ft., 4 passenger elevators. cost \$550.000; Voelcker & Dixon. 4 Kaha Bldg., Wichita Falls, and Bryan & Sharp, 1210 Athletic Club Bldg., Dallas, Archts.; R. O. Jameson, Struct. Engr., 1005 S. W. Life Bldg.; R. F. Taylor, Mech. Engr., 1305 Sante Fe Bldg.; J. S. Harrison, Jr., Contr., 4640 Munger St., all Dallas.\*

Tex., Woodson—First National Bank erect \$12.000 building; brick and stone, 1 story; Voelcker & Dixon, Archts., 4 Kahn Bldg., Wichita Falls.

#### Churches

Ala., Albany-Decatur — Central Methodist Church, L. R. Nash, Chmn., Investigating Comm., plans \$210,000 building, Jackson St. and Sixth Ave., Gothic type, 100x140 ft.; Miller & Martin, Archts., Title Bldg., Bir-mingham.

Ala.. Gadsden — East Gadsden Baptist Church erect \$20,000 unit of new building; brick, steel and concrete; auditorium, includ-ing balcony, seat 600; 4 classrooms; Dr. N. O. Patterson. Archt., Attalia.\*

Ala., Huntsville—Epworth Baptist Church, ev. J. A. Bentley, Pastor, plans building.

Ala., Ozark—Methodist Episcopal Church, South, Rev. S. U. Turnipseed, Pastor, Broad and Reynolds Sts., erect \$50.000 to \$60.000 building; brick, stone trim. See Machinery Wanted.\*

Ark., Little Rock—First Christian Church, E. O. Bagley, Chmn., Bldg. Comm., having plans drawn by Jack G. Wiggens, 306 Home Insurance Bldg., for reinforced concrete, brick and steel building; basement completed.\*

Ark., Newport—First Baptist Church, Colored, erect brick veneer building. Doherty addition; 36x75 ft. Address The Pastor.

Ark., Pine Bluff—First Baptist Church erect \$50,000 to \$75,000 ordinary type Sunday school; 4 stories, 67x120 ft., pine floors,

concrete foundation, built-up roof; Jas. E. Greene, Archt., 1001 Bankers Bond Bldg., Birmingham, Ala., drawing plans.\*

Fla., Gainesville—Methodist Church, Mayor J. R. Fowler, Chmn., Bldg. Comm., plans \$200,000 building.

Fla., Miami—First Baptist Church, B. B. Tatum, Chmn., Bldg. Comm., has plans by Dougherty & Gardner, Stahlman Bldg., Nashville, Tenn., for \$500,000 church, N. E. First Ave. and Fifth St.\*

Fla., Winter Park—Baptist Church erect \$60,000 ordinary type building; 3 stories, \$0x116 ft., pine floors, concrete foundation, tile and composition roof; Jas. E. Greene, Archt., 1001 Bankers Bond Bldg., Birmingham, Ala. Address Jas. F. Wellman, Winter Park.\*

Ga., Cairo—Methodist Church, Rev Leland Moore, Pastor, having plans for \$50,000 building drawn by E. O. Smith, Georgia Home Bldg., Columbus; 3 stories, church 45x74 ft., Sunday school 55x40 ft.\*

Ga., Savannah—First Baptist Church, Bula St., having plans refigured for brick Sunday school; cost \$64,000, 4 stories, 60x90 ft., wood floors, brick foundation; metal roof; Levy, Clarke & Bergen, Archts., Liberty Bank & Trust Co. Bldg.\*

La., Cedar Grove—First Baptist Church, J. C. Barber, member, Bidg. Comm., plans \$100,000 building; brick, stone and reinforced concrete, 3 stories, main auditorium and 42 classrooms.\*

La., Rayville—Baptist Church, Rev. N. W. Bacon, Pastor, plans \$35,000 building.

Miss., Greenville—First Methodist Church receives bids May 10 at office T. C. Harvey, Archt., Greenville, for brick and stone building; cost about \$40,000, built-up roof, plastered interior, concrete and wood floors, steam heat; Rev. J. V. Bennett, Pastor.

Miss., Lula — Methodist Church, W. R. Baker. Pastor, receiving bids for \$10,000 building; brick veneer, 1 story, 52x70 ft., composition roof; Alsop & Callanan, Archts., 524 Dermon Bldg., Memphis, Tenn.; W. C. Stout, Dermon Bldg., estimating.

Md., Sunshine—Maryland Annual Conference, Methodist Profestant Church. 516 N. Charles St., erect \$25,000 frame church and Sunday school; I story, 60x90 ft., wood floors, concrete foundation, slate roof; Robt. L. Harris, Archt., 516 N. Charles St., both Baltimore. Address Archt. See Machinery Wanted.

Mo., Columbia—Baptist Church reported anning \$300,000 building. Address The planning Pastor.

Mo., Dodson — Roman Catholic Diocese, Thos. F. Lillis, Bishop, Kansas City, erect church near Dedson; site available.

Mo., Odessa—First Christian Church erect \$32,000 building. Address The Pastor. Mo., Webb City—Nazarene Church. Rev. J. Scott Blystone, Pastor, considers building.

Scott Blystone, Pastor, considers building.

N. C., Fayetteville—First Baptist Church
remodel main auditorium and erect Sunday
school. Address The Pastor.

N. C., Washington—First Presbyterian
Church erect building to replace burned structure. Address The Pastor.

N. C., West Asheville. Asheville—Calvary
Baptist Church, M. W. Hamrick, Gen. Supt.,
plans Sunday school addition.

N. C. Wilmington — Ebenezer Baptist

N. C., Wilmington — Ebenezer Church, Colored, plans building. Add Address The

Okla., Cleveland—First Presbyterian Church, Rev. C. W. Reynolds, Paster, Recoluler Okia., Cleveland—First Presoyterian Church, Rev. C. W. Reynolds, Pastor, receiving bids on revised plans for brick and stone addi-tion: cost \$10,000, 2 stories and basement, 35x63 ft.: Hawk & Parr, Archts., Cotton Exchange Bldg., Oklahoma City.\*

Okla., Okmulgee—First Baptist Church, Rev. E. L. Watson, Pastor, plans \$60,000 Sunday school.

Okla., Sapulpa—First Methodist Church plans \$70,000 building. Address The Pastor. Okla., Wewoka—First M. E. Church, Rev. Mr. Waldrep, Pastor, erect \$45,000 building; Wm. C. Meador, Archt., Dan Waggoner Bldg., Fort Worth, Tex.

S. C., Greenville—Central Baptist Church Jas. H. Price, member, Bldg. Comm., probably start work within 30 to 60 days on Sunday school wing; also erect parsonage; Jones & Trott, Inc., Archts., Woodside Bldg.\*

Tenn., Martin—Central Baptist Church plans additional story to building; cost \$12,000. Address The Pastor.

Tenn., Nashville—Belmont Heights Baptist Church, Belmont Rd. and Compton Ave., opens bids May 14 for completing building;

base finished; cost \$140,000, stone and brick, 3 stories, 125x125 ft., hardwood floors, slate roof; furnishings, equipment, etc., \$25,000, Address Hart & Roberts, Archts., Independent Life Bldg. See Machinery Wanted.\*

Tenn., Nashville — Belmont Methodist Church, S. A. Buchanan, Chmn., Bldg. Comm., erect building and remodel present structure for Sunday school, Acklen Ave. and 21st Ave. South; cost \$150,000, stone foundation, brick, stone trim; Geo. D. Waller, Archt., Independent Bldg.

Tex., Abilene—First Baptist Church, Rev. Wm. H. Jenkins, Pastor, Hickory St., plans \$100,000 Sunday school; concrete and brick, 4 stories; details rot determined before Sept.\*

Tex., Corpus Christi—South Bluff Method-ist Church purchased site, Seventh and Eliza-beth Sts. Address The Pastor.

Tex., Houston—First Evangelical Lutheran Church erect building, Francis and Holman Sts.; raze structure on site. Address The Pastor.

Pastor.

Tox., Tylor—Church of Christ, Roy £. Smith, Chmn., Bldg. Comm., probably call for bids in summer on brick and stone building; cost \$25,000, 1 story, balcony and basement, 54x78 ft.; W. A. Tackett, Archt., 212 N. Crockett St., Sherman.

Tex., Wichita Falls—Lutheran Church plans \$50,000 building; brick and stone; Voeleker & Dixon, Archts., 4 Kahn Bldg.

Va., Lynchburg—West End Methodist Church, Memorial Ave. and Wadsworth St., has tentative plans by Craighill & Cardwell, Peoples Natl. Bank Bldg., for \$100,000 building. Fort Hill.\*

building, Fort Hill.\*

Va., Virginia Beach—Galilee Chapel P. E. Church, Rev. Thos. F. Ridout, Rector, has broken ground for \$22,000 building.

W. Va., Alderson—Alderson Presbyterian Church opens bids about June 1 for brick. hollow tile and wood building, cost \$40,000; 2 stories and basement, 42x96 ft., tile, maple and oak floors, concrete foundation, slate roof; furnishings, equipment. etc., \$7500; Walter F. Martens, Archt., Morrison Bldg.. Charleston. Address W. G. Smith, Alderson. See Machinery Whited.\*

#### City and County

Ark., Forrest City—City, J. E. Ferguson, Clk., contemplates city hall and fire station. Fla., Hialeah—City, J. L. Quinby, Chief. Fire Dept., erect frame fire station; 16x32 ft.

Fla., Jacksonville—City, Fred Valz, Public Safety Commr., police substation. McDuff Ave. near Selma St., and one in Norwood; also plans fire station, McDuff Ave.

Fla., DeLand—City Commission selected Medwin Peek as architect for \$60,000 city hall; bonds available.\*

Fla., Gulfport—City erect \$55.000 hollow tile and steel roof truss city hall; 2 stories, 82x80 ft., wood and composition floors, coucrete foundation, built-up tar and gravel roof; furnishings, equipment, etc., \$5000; Geo. Feltham, Archt., 214-16 Green Richman Arcade, St. Petersburg, drawing plans.\*

Fla., Lakeland—City votes June 1 on \$1.500.000 bonds, including \$300.000 for improvement for Lake Mirror civic center.
Fla., Tampa—City, W. Lesley Brown, City Mgr., plans \$40,000 additional story to police station and \$20,000 addition to stockade.

Fla., Ocala-City voted \$35,000 city hall

bonds.

Fla., Wewahitchka—Gulf County Board of Commrs. receives bids May 17 for fireproof courthouse and jail; 2 stories, 40x70 ft., brick, tar and gravel roof, iron work, steam heat; Warren, Knight & Davis, Archt., 1603 Empire Bldg., Birmingham, Ala.; Chandler C. Yonge, Asso. Archt., 300 American Bank Bldg., Pensacola, Fla.

Ga., Macon—Bibb County Board of Commrs. opens bids June 1 for hollow tile and stucco almshouse, near juvenile home; cost \$60,000; Frank R. Happ., Archt., Fourth Natl. Bank Bldg.\*

La., Eunice—City, S., Wyble, Mayor, plans

La., Eunice—City, S. Wyble, Mayor, plans \$40,000 city hall, fire dept. and jail building: 2 stories, 80x100 ft.

\$40,000 city hall. He dept. and part 2 stories, \$0x100 ft.

N. C., Wilmington—City Council rejected bids for comfort station, Front and Market Sts.; Frank P. Harrell, Archt., 1009 Market Sts.; drawing new plans: stucco, metal fixtures and partitions, composition roof.

Okla., McAlester—Pittsburg County, Melvin A. Wilkins, Cik., Board of Commrs., votes May 25 on \$200,000 courthouse bonds.

Okla. Okemah—Okfusee County Board of

Okla., Okemah—Okfusee County Board of Commrs., J. R. Day, Clk., receives bids May 15 for brick, stone and reinforced concrete,

fireproof courthouse; 4 stories and basement, 70x90 ft., cost \$200,000; Layton, Hicks & Forsyth, Archt., Braniff Bldg., Oklahoma City.\*

Okla., Poteau—LeFlore County Board of Commrs. ready for bids on courthouse, Main St.; cost \$150,000; Carnall Wheeler, Archt.-Constr. Supervisor, Kennedy Bldg., Fort Smith, Ark.\*

S. C., Orangeburg—Young Men's Business League interested in bond election for mu-nicipal building.

S. C., Orangeburg — Orangeburg County Board of Commrs. remodel courthouse; bonds available.

S. C., Spartanburg—City erect fire station, N. Church and Magnolia Sts.; funds available.

Tenn., Elizabethton—City voted \$60.000 municipal building bonds. Address City Commission.

mission.

Tex., Childress—City votes May 22 on \$40,000 city hall bonds.

Tex., Mission—City soon call for bids on reinforced concrete bath house; 2 stories. 120x40 ft., 200 dressing rooms, 380 steel lockers, etc. Addresse City Council.

Tex., San Benito—City, J. Scott Brown. Mayor, voted \$45,000 municipal auditorium and \$10,000 fire and police station bonds.\*

#### **Dwellings**

Ala., Birmingham—Frank Carlton. 2431 Bessemer Blvd., Central Park, erect 2-story residence; S rooms, composition roof. hard-wood floors, steam heat: Denham. Van Keuren & Denham, Archts., 407 Age-Herald Bldg.;

Ala., Birmingham—H. W. Matthews. 1821 N. First Ave., erect brick veneer residence, Milner Heights; 2 stories; Warren, Knight & Davis, Archts., 1603 Empire Bldg.

Ala., Birmingham—Mrs. Bell Huggins erect esidence, Sterling Place and Lenark Rd.; ost about \$10,000.

Ala., Birmingham—Henry M. Howard has permit for \$10,500 residence, 927 Columbia St., South.

St., South.

Ala., Sheffield—W. J. Runyon erect \$35.600 residence; brick, stone and hollow tile,
2 stories and basement, 52x67 ft., slate roof,
steel sash and casement windows, steam heat,
garage; Alsop & Callanan, Archts., 524 Dermon Bidg., Memphis, Tenn.

Ala., Sylacauga—J. W. Brown, Jr., erect
residence, Western Heights.

Ark., Little Rock—W. A. Barrier, 5308 C St., erect brick veneer residence, 5126 C St. Ark., Little Rock—C. W. Howe erect brick veneer residence, 117 College St. Ark., Little Rock—M. F. Lawing. 4618 T St., erect brick veneer residence, 1900 Gaines St.

Ark., Little Rock—A. W. Sloss, Boyle Bldg., erect dwellings, 3414-15-20-21 W. High-land St.

Ark., Little Rock—Mrs. A. E. Townsend. 2024 Summit St., erect brick veneer residence, 2708 Chester St.

Ark., Mountain Home—Mrs. Jos. Ward. Lon Jones, Henry Wayland and T. E. Robert-son plan residences. Ark., Newport—C. M. Erwin erect 2-story brick veneer residence, Walnut St., Goldman

Ark., Newport—Mrs. Ione Hubble erect room brick veneer bungalow, Walnut S Stevens addition.

Ark., Paragould—Mrs. R. L. Alexander erect residence, S. Third and W. Emerson Sts.

residence, S. Third and W. Emerson Sts.

Ark., Paragould—Joe B. Walker erect brick veneer residence, N. Third St.

Fla., Coral Gables, Miami—Smith G. Young, Lansing, Mich., erect \$30,000 residence, Avenue Castile, Granada section; Wesley D. Hunter, Archt., 803 News Tower; call for bids in few days.

Fla., Coral Gables, Miami—Arthur C. Stebbins, Lansing. Mich., erect \$30 000 residence, Avenue Castile, Granada section; Wesley D. Hunter, Archt., 803 News Tower; call for bids in few days.

Fla., Coral Gables, Miami—Mrs. Leo W. Snell erect \$10,000 residence and garage, 1414 Tanger St.; D. C. Stakemiller, Archt.

Fla., Coral Gables, Miami—Hanon & Lions erect 2 dwellings, 524-28 Avenue Altara; concrete block and stucco.

Fla., Eustis—Walter A. Huston, Winter Park, Fla., and Sam L. Parker, 2115 Ridgeland Rd., Chattanooga, Tenn., erect 10 dwellings, Eustis Heights; total cost \$80,000 to \$90.000.

Fla., Jacksonville—Mrs. H. L. Judd has ermit for \$14,000 residence, Druid Rd., Har-

Fla., Lake Worth—G. W. Krick contemplates several dwellings during summer, connection with 10-acre development.

Fla., Miami—J. D. Feher erect bungalow, Glenroyal subdivision; Sajo-Wank & Berz. Archts., 813 Olympia Bldg.

Fla., Miami—P. G. Black, 671 W. Flag-ler St., erect \$15,000 residence, S. W. 11th St. and 18th Ave.; Robt. A. Chananie, Archt., 401 Realty Board Bldg.

Fla., South Jacksonville, Jacksonville—Norman C. Edwards, 205 Hendricks Ave., start work in few days on \$10,000 hollow tile and stucco residence, San Jose Park; 2 stories, 42x50 ft., concrete foundation. tile roof; furnishings, equipment, etc., \$2500; Wm. G Hunt, Archt., Jacksonville; Harry Fish, Engr., 210 St. Johns Ave. See Machinery Wanted.\*

Fla., St. Petersburg—B. L. Armstrong, care B. L. Armstrong Realty Co., erect residence, Cherry St. and 18th Ave., N.

Fla., St. Petersburg—Geo. E. Bardine erect \$65,000 Spanish type residence, Jungle Shores No. 2, Boca Ciega bay.

Fla., St. Petersburg—H. S. Crain, Jr., erect \$14,000 residence and garage, Fifth Ave., N., and Palm Lane; 2 stories.

Fla.. St. Petersburg—T. M. Gibbs Construction Co. erect 2 bungalows and garages, De-Soto Way, near Maximo Rd.. Lakewood Es-tates; 1-story, tile; total cost \$20.000. Fla.. St. Petersburg—W. McKee Kelley. 659 Central Ave., erect residence, Jungle

Fla., St. Petersburg—Adam Ortselfen, Roser Park, erect \$65.000 residence, Jungte Shores No. 2, Boca Ciega bay.

Fla., Tampa—DeHaven Development Co., 2728 Florida Ave., erect 2 buildings, Main St.; total cost \$10.000.

Fla., Tampa—L. M. Hulton erect \$33,000 residence, Morrison Ave.

Ga., Albany—D. L. Beatle, C. C. Beatle and W. H. Beatle erect number \$7000 and \$8000 Spanish type bungalows, West High-

Ga., Atlanta—J. Jacobs. 312 Washington St.. erect 22 frame duplexes, 1000 block Quarry St.; 1 story, total cost \$33,000.

Ga., Atlanta—M. C. Welch, 76 Alta Ave., erect \$10,000 residence, 1476 Highland Ave.; 2 stories, brick veneer.

2 stories, brick veneer.

Ga., Atlanta—Mrs. Kate Jolly. 371 Capitol Ave., erect \$10.000 brick veneer duplex, 402 Morningside Drive: 2 stories.

Ga., Reynolds—C. H. Neisler erect \$20.000 brick veneer and stucco residence; state roof, hardwood floors; Frank R. Happ., Archt., Fourth Natl. Bank Bldg., Macon, drawing

Ga., Valdosta—M. W. & E. Y. Fry erect number dwellings.

number dwellings.

La., Algiers, New Orleans—H. T. Bond receives bids at office Celotex Co., Marrero, for 1-story frame residence, 509 Park Blvd.; tile roof and bath, oak floors, metal garage, plastered interior; M. Roux, Archt., 310 Carondelet St.

Carondelet St.

La., New Orleans—Eureka Homestead
Assn., 1031 Maison Blanche Bldg., erect
\$16,000 hollow tile residence. Fontainbleau
Drive near Versailles Blvd.; tile roof: Jones.
Roessle & Olschner, Archts., Maison Blanche Roess Bldg.

La., New Orleans—S. Silverman, 6043 Hurst St., erect 2 duplexes, 4200 block Freret St.; 2 stories, composition roofs; total cost about \$10,000.

st.; 2 stories, composition roots; total cost about \$10,000.

La., New Orleans—F. W. Sinclair, 532 Audubon St., receiving sub-bids at office Jones, Roessle & Olschner, Archts., Malson Blanche Bidg., for alterations and additions.

La., New Orleans—Mr. Cobel receiving bids at office J. T. Boesch, Archt., 1307 France St., for stucco and frame residence, Pauline St., near Marais St.; cost \$19,000: 1 story and basement, wood floors, tile baths and roof, steam heat, hot-water heaters; W. Evers, 1310 Poland St., and Chas. Nehlig, 1414 Desire St., estimating.

La., Mouroe—Home Bullders, Inc., erect 3 dwellings, Erin St.; cost \$4500 each.

La., New Orleans—Moise H. Goldstein, Archt., Hibernia Bidg., receiving bids for alterations and additions to 2-story brick dwelling, 924 Moss St.; oak floors, slate roof, cypress millwork, masonry, plumbing, electric wiring, etc.

tric wiring, etc.

La., New Orleans—Jackson Homestead Assn., 722 Common St., erect \$13,500 duplex. Carondelet and Delachaise Sts.; Denis & Handy, Contrs., Perdido Bldg. La., New Orleans—Mrs. Theller erect Spanish type residence, Fontainbleau Orive;

2 stories, hollow tile and stucco, tile roof and baths, hot-water heat, oil burning equipment; Lockett & Chachere, Archts., Title-Guarantee Bldg., ready for sub-bids about 10 days.

La., New Orleans—T. Semmes Walmsley, Carondelet Bldg., have plans ready for blds about 30 days for duplex, Palmer Ave, and LaSalle Place; Martin Shepard, Archt., 429 Carondelet St.

La.. New Orleans—P. J. Derbes, 429 Carondelet St., erect \$30,000 residence, Vicksburg and Conrad Sts.; Nathan Kohlman, Archt., Godchaux Bldg.

Md., Baltimore—Johnson & Dorr, Inc. erect 2 frame dwellings, Cross Country and South Bend Rds.; 2½ stories, 24x30 ft., slate roofs, hot-water heat; total cost about \$10.000; John Ahlers, Archt., 610 Linnard St.; owner builds.

Md., Baltimore—F. E. Schulte, 3600 Dillon St., erect 22 brick dwellings, 600-22 and 601-23 S. Flifth St.: 2 stories, 13x80 ft. and 14x80 ft., slag roofs, hot-water heat; plans and construction by owner.

Md.. Baltimore—Geo. W. Al eights Ave., erect building. d. and Woodland Ave. Alt, 5290 Park ig. Reisterstown

Md., Baltimore—Katheryn J. Hughes, 102 Warren Ave., erect cottage, Vesta Ave., near Eldorado St.

Md. Baltimore—N. C. Sibley Co., 402 St. Paul St., erect 2 cottages, Vesta Ave., near Eldorado St.

Miss. Biloxi—F. N. Jackson erect \$15.000 residence, Miramar subdivision.

Miss. Meridian—W. R. Pistole erect bunga-

Miss., Natchez—Chas. T. Brasfeld, 405 S. Pearl St., plans number dwellings, Perrault

St.

Miss. Vicksburg—W. Johnson erect \$12.000 residence; brick veneer, 1 story and basement, about 60x40 ft., composition shingle roof, oak floors, tile bath, hot water heat; Smith & Burnham, Archts., Goodwyn Institute, Memphis, Tenn.

Mo., Kansas City—R. L. Gray, 2911 E. 35th St., erect \$25,000 English type residence, 1015 Greenway Terrace.

Mo., Kansas City—LeRoy Harlament, 4322 Forest St., erect residence, 304 E. 67th St. Mo., Kansas City—A. Lundtelgne, 3825 Vir-

Forest St., erect residence, 304 E. 67th St.
Mo., Kansas City—A. Lundtelgne, 3825 Virginia Ave., erect residence, 609 E. 54th St.
Mo. Kansas City—L. A. Ostermeyer, 3234
Michigan Ave., erect residence, Oak and 67th
St.

Mo., Kansas City—Chester C. Smith. 6418 Washington St., erect \$25,000 English type stucco residence, 1259 Stratford Rd.

Mo., En Kansas City—Langston Bacogland Bldg.. erect \$20,000 re New F

New England Bldg., erect \$20,000 residence. \$32 W. 62nd St.

Mo., Kansas City--J. G. Hughes 28 E. 55th St. Terrace. erect 5 dwellings, 6811-15-17-21-23 Agnes Ave.; total cost \$15,000.

Mo., Kansas City--Maskaw Investment Co. erect 6 dwellings, 2527-4801-05-09-15-19 Jarboe St.; total cost \$72,000.

Mo. Kansas City—Mrs. F. C. Niles, 640 F. Armour Blyd., erect 8 dwellings, 2800 block Highland St.; total cost \$30,000.

Mo. Kansas City—Russell Land Co., 1306 Commercial Bldg., erect 3 dwellings, 6414-16-20 Montgall Ave.; total cost \$10,000.

Mo. Kansas City—H. H. Smith, 2502 E. 49th St., erect \$10,000 residence, 4529 Gillham Rd.

ham Rd.

Mo., St. Lonis—C. E. Vrooman, 108 N. 8th
St., erect \$10,000 residence, Tresson subdivision; 2 stories, 12 rooms, 4 baths, garage,
N. C., Asheville—M. W. Hamrick, 565 Haywood Rd., erect \$10,000 residence and garage.
Pennsylvania Ave.; 6 rooms.

N. C., Asheville—Harwood Construction Co. erect \$10,000 dwelling and garage, Bruce-mont Circle: 8 rooms. N. C., Asheville—C. N. Malone, Vice-Pres., Eeverly Hills, Inc., Ontes Bldg., erect resi-dence, Beverly Hills.

N. C., Asheville—Wood Construction Co., Charlotte, erect 14 dwellings, Beverly Hills: cost \$10,000 to \$13,500 each.

N. C., Charlotte—J. W. Barber, 1402 E. 4th St., erect 8 tenant houses, 732-45 S. Alexander St.; 10 rooms; total cost \$20,000.

N. C., Greensboro—A. K. Moore Realty Co., 116 W. Market St., erect 2 dwellings, Chap-man St., Sunset Hills; brick veneer and frame, 2 stories, 8 rooms; total cost \$19.000.

Okla., Elgin—Otis Duffey erect \$10,000 residence; frame, 1½ stories and basement, 32x50 ft.; Walter Everman, Archt., Bartles-

Okla., Oklahoma City-E. B. Putnam, 1940

W. 18th St., erect \$13,000 residence, 500 E. 15th St.

Okla., Talequah—J. W. Reid erect 8-room residence; M. T. Hardin, Archt., Muskogee, receiving bids.

Okla., Tulsa—H. W. Camp. 1537 S. Yorktown St., erect \$15,000 residence and garage, E. 26th St.

Okla., Tulsa—L. E. Smith, 2504 E. Fifth Place, erect \$16,000 residence and garage, 1370 E. 26th St.

C., Greenwood-J. Richard Abney plans ence. E. Creswell St.

S. C., Greenwood—Rupert F. Davis erect residence, E. Creswell St.

S. C., Greenwood—J. B. Harris erect resince, W. Cambridge St.

S. C., Greenwood—M. G. McDonald erect esidence, E. Cambridge St.; J. C. Hemphill, Archt.

Fenn., Chattanooga—J. S. and F. S. LaPer erect 11 dwellings; total cost \$40.000.

Tenn., Hollywood—Memphis—Joe Hanover, entral Bank Bldg., Memphis. erect 35 dwellings

Tenn., Knoxville—Mrs. W. J. Oliver, Kingston Park, erect \$14,000 residence, Kingston Pike; brick veneer, 2 stories.

Tenn.. Lookout Mountain—Mrs. Minnie Ewing, 859 McCallie Ave., Chattanooga, erect stone residence; Barber & McMurry, Archts., 425 W. Clinch Ave., Knoxville.

Tenn., Maryville - Dr. John C. Walker plans residence, Niles Ferry Pike.

Tenn., Memphis—Dr. C. H. Marshall, 901 Exchange Bldg., advises will not build residence for several years.

Tenn., Memphis—E. W. Hale. Room 207. ourthouse. contemplates rebuilding burned sidence, Whitehaven.

residence, Whitehaven.

Tenn., Memphis—S. D. Payne, care Payne-McIlwain Lumber Co., 771 S. Cooper St., contemplates brick veneer residence, Elzy St.; 1 story, 5 or 6 rooms, composition roof, oak floors, tile bath, garage.

Tenn.. Memphis—E. E. Hunt, 247 Buena Vista Place, erect \$25,000 residence. Hein Park; face brick, stone trim, 2 stories and basement, 71x53 ft., hollow tile, tile bath. steam heat, garage and servants' quarters; Smith & Burnham, Archts., Goodwyn Institutes Bldg.; bids in.

Tenn., Mempnis—Henry McCoy, care Humphrey Goodwin & Co., SI S. Front St., erect stucco residence; 2 stories and basement, 24x31 ft., tile roof, concrete basement, tile and other floors, hot water heat, garage and servants' quarters; J. J. Broadwell, Archt., Cotton Exchange Bldg.

Tenn., Memphis—A. M. Wray, 1693 Fountain Court, erect \$10.000 residence. South Parkway, East; Stonekote, 1 story, 54x56 ft. composition shingle roof, oak floors, tile bath and terrace, field stone trim, hot water heat garage; Hubert T. McGee, Archt., 801 Fidelity Bank Bldg.

ity Bank Bldg.

Tenn., Memphis—P. E. Kerby, Commercial Bank Bldg., erect 2 dwellings, 670-710 Avalon St.; brick veneer, 1 story, 30x62 ft., composition roofs, oak floors, tile baths, hotwater heat, garage; day labor.

Tenn., Memphis—J. Frazer Smith, Goodwyn Institute Bldg., erect Italian type residence, Walnut Grove; plans by owner.

Tex., Austin—Major C. M. Crawford, Sec., Texas State Exposition Assn., erect frame residence, University Place addition; J. R. Blackmore, Contr., 205 E. Live Oak St.

Tex., Dallas—N. M. Harper, American Bank Bldg., erect 9 dwellings, Hollywood St. and 1 on Montreal St.; 5 rooms, brick veneer; total cost \$40,000.

Tex., Dallas—C. D. Hutsell, 5831 Mer-

Tex., Dallas—C. D. Hutsell, 5831 Mercedes St., erect 5 dwellings, 6000 block Mercedes St.; 5, 6 and 7 rooms, brick veneer; total cost \$20,500.

Tex., Dallas—J. F. Thorl erect 4 dwellings, 3207-11-15-19 Jerome St.; 5 rooms, frame; total cost \$10,000.

Tex., Dallas-Leonard W. Volk. 3701 Lem mon St.. erect stucco on metal lath residence, Brookside, University Park; slate roof, Oklahoma field stone base and trim. oak floors, oak and cypress trim, Creton stone and marble fireplace; Thomson & Swaine, Archts., S. W. Life Bldg; Koch & Fowler, Landscape Archts., Central Bank

Tex.. Houston—\*A. E. Scott, 3611 Houston St.. erect \$25,000 residence, Institute Lane, Jandor Gardens. Tex.. Houston—J. E. Crawford, 610 Tabor St., erect \$10,500 brick veneer residence. Tex., Houston—A. S. Robinson, 2506 St. Emanuel St., erect frame residence, Garden

Villas; 2 stories, 6 rooms; Chas. P. Jones & Co., Archts., Binz Bldg.

Va., Lynchburg-W. B. Harris, Krise Bldg., erect \$24,500 residence, Woodland St.

W. Va.. Huntington-E. M. Peoples, Third Ave., erect \$20,000 residence, Sta Rd.

#### Government and State

Tenn., Tullahoma—U. S. Property and Disbursing Officer, State Capital, Nashville, has low bid from Mangans-Bell Co., Murfreesboro, for buildings, etc., at National Guard camp site; Francis J. Wilson, 2d Lieut., U. S. A., Nashville, engineer.\*

#### Hospitals, Sanitariums, Etc.

Ala., Albany—Benevolent Hospital, Thos. A. Bowles, Treas., selected Wm. Leslie Weiton, American Trust Bldg., Birmingham, as architect for \$75,000 hospital; 3 units.\*

Ark. Tex., Texarkana—St. Louis Southwestern Railways Lines Hospital Assn. erect 2-story brick nurses' home; accommodate 22 nurses, housekeeper, surgeon and orderlies; will convert third floor of hospital for additional patients quarters; work probably start about June 1.

Fla., Lakeland—City votes June 1 on \$1. 500,000 bonds, including \$75,000 for nurses' home at Morrell Memorial Hospital. Ad-dress City Comn.

La., Baton Rouge—Louisiana State University ready for bids within 2 weeks for 30-bed hospital; 2 stories, copper screened porchees, steam heat Wogan & Bernard. Archts., New Orleans, Title Guarantee Bldg., and Old Reymond Bldg., Baton Rouge.

and Old Reymond Bldg., Baton Rouge.

La., New Orleans—Sonlat Mercy Hospital,
Annunciation St., receives blds May 17 at
office Andry & Feitel, Carondelet Bldg., for
50-bed hospital; cost about \$225,000; 2
stories and basement, reinforced concrete and
steel, fireproof, pile foundation, hollow tile
and brick walls, tile roof, 1 electric elevator,
steam heat; following contractors estimating;
Geo. J. Glover Co., Inc., Whitney Bank Bldg.;
Lionel F. Favret, Louislana Bldg.; GearyOakes Co., Title-Guarantee Bldg.\*
Miss., Hattiesburg—Methodist Hospital

Oakes Co., Title-Guarantee Bldg.\*

Miss., Hattiesburg — Methodist Hospital
Board of Trustees receives blds May 11 for
fireproof hospital; cost about \$225 000; 3
stories, 75 beds; separate blds for plumbing
and severage, heating and ventilating, electric work, electric fixtures, elevators, mechanical refrigeration, refrigerators, kitchen
equipment, sterilizer enuipment, screens;
plans and specifications from W. F. Schutz.
Archt., Shrine Bldg., Memphis, Tenn.\*

Miss., Jackson—State selected Henry C.

plans and specifications from W. F. Schulz. Archt., Shrine Bldg., Memphis, Tenn.\*

Miss., Jackson—State selected Henry C. Muskoff, 864 Newbort Ave., St. Louis, Mo., and Jackson, as landscape archt.engr. for grounds of proposed \$2,500,000 Mississippi State Insane Hospital near Jackson; C. D. Mitchell, M. D., Supt.; accommodate 1000 white and 1000 colored, comprising 2 distinct institutions around 1 power house; administration building, receiving building, hospital for acute cases, tuberculosis ward, opileptic wards, wards for disturbed and wards for quiet and chronic cases, assembly ball, nurses' home, kitchen and dining room aundry, store room, baker shop, industrial shops, home for physicians and other employes; deep well and sewerage; N. W. Overstreet, Archt., Overstreet Bldg.\*

Miss., Jackson—State selected J. M. Spain architect for \$20,000 nurses' home at Jackson Charity Hospital.\*

Miss., Jackson—State selected T. C. Harvey. Greenville. as architect for teachers home, etc., at Jackson Charity Hospital; cost \$10,000.

Galena-Dr. W. N. Deatherage erect

spital.

Mo. Kansas City—St. Mary's Hospital erect \$100.000 power plant and laundry and 350-ft. tunnel to connect proposed nurses' home and power plant with hospital bldg; power plant fireproof: tunnel concrete, 8 'twide by 7 ft. high: plans and constr. supervision by Burns & McDonnell Engineering Co., 402 Interstate Bldg.: work will start in about 1 year on \$300.000 nurses' home and training school: fireproof, face brick, terracotta trim, 3 stories and basement and 2 stories, E shape, 97x170 ft., tile roof, supervision by rooms; clossrooms, chemical laboratory, 44x62-ft. combined gymnasium and auditorium, removable stage, balcony; Wilkinson & Crans, Archts., 608 Interstate Bldg. Bldg

Mo. Maryville—Nodaway County Board of Commrs., Fred W. Smith, Clk., opens bids May 29 for 122x40-ft. infirmary; concrete floors and foundation.\*

Tex., Childress — Childress County votes May 22 on \$175.000 hospital bonds; brick and reinforced concrete; Voelcker & Dixon, Archts., 4 Kahn Bldg., Wichita Falls.\*

Tex., Electra—Drs. Parmley and Ogden receiving bids, opened about May 15, for fire-proof hospital; cost \$65,000; brick, stone and reinforced concrete, 3 stories, 45x104 ft., composition, cement and linoleum floors, reinforced concrete foundation, tar and gravel roof; furnishings, equipment, etc., \$20,000; Wichita Falls.\*

#### Hotels and Apartments

Ala., Clanton—New Exchange Hotel, Mrs. M. R. Orr, Propr., expend \$15,000 for re-modeling and improvements.

Ark., Jonesboro-O. E. Jones estate erect bree 6-room apartment houses in Doherty

Fla., Coral Gables—Stephen A. Vetter erect \$72,000, 2-story, 8-family apartment house, Seville Ave., between Hernando St. and Le-Jeune Road.

Fla., Dade City—J. T. Whelden. Sec., Chamber of Commerce, Massey Bldg., advises in regard community hotel project: "Plans were submitted to Hotel Commission to their approval; we are going ahead with the building as soon as plans are approved"; Paniel & Beutell, Archts., Healey Bldg., Atlanta, Ga.\*

Fla., Daytona Beach—D. A. Cusick, Mgr. and co-owner of Hudson Hotel. Miami Beach. made survey with view of building hotel to form link in proposed chain of hotels along Florida east coast.

Fla., Fort Lauderdale—Rodes, Carpenter Matthews erect \$15,000, 2-story, 33-room

Fla., Jacksonville—Apartment Hotel Building Corp. purchased property at S. E. cor. Riverside Ave. and Post St.; planning to erect apartment building.

Fla., Miami — Lingler & Beshgetoorian, Archts., Calumet Bldg., and George L. Pfeifer, Consit. Archt., Hahn Bldg., completed plans for \$125,000 60x51-ft, reinforced concrete frame with the curtain walls, freproof, 6-story addition to Royalton Hotel, S. E. First St., between First and Second Aves.; first floor for apartments for hotel manager, housekeeper's room and sample room; 50 guest rooms, each with private bath, on 5 floors above.

Fla., Palatka—M. M. Vickers, Vice-Pres. of Palatka Daily News, erect hollow tile. stucco finish, four 5-room apartment building, Oak and Fifth Sts.

Fla., Palmetto—Palmetto Community Hotel., Inc., has plans in progress by Felch & Fla., Palmetto—Palmetto Community Hotel Co., Inc., has plans in progress by Felch & Southwell, 105½ Zack St., Tampa, for \$225,000, 6-story, reinforced concrete frame, hollow tile partitions, 50x105 ft., Italian Renaissance type, 76-bedroom community hotel building; concrete foundation, slag roof, cement, tile, terrazzo and concrete floors, equipment and furnishings cost \$60,000; Hubbell & Van Natta, Engrs., Bona Allen Bldg., Atlanta, Ga. (See Machinery Wanted—Tile; Metal Doors, Sash and Trim; Flooring; Marble; Cast Stone.)\*

Fla., St. Petersburg—Mrs. A. W. Rilev rect 2-story frame apartment house, 3415 econd Ave. South; cost about \$10,000.

Fla. St. Petersburg—C. Eugene Hames, 2500 First Ave. S., has plans by Avery & Round, 2 Roser Bidg., start work early next month on \$350,000, 9-story, 128-room bachelor hotel, Eighth St. between First and Second Aves. North; steel frame with buff brick finish.

Fla., Stuart—R. R. Roebuck planning to erect 3-story apartment hotel in Bessey addition; lobby and dining room on ground floor.

Fla., West Palm Beach—Max G. Heller erect \$15,000 2-story 4-family apartment house, Flamingo Drive.

Fla., West Palm Beach—J. Riener erect \$30,000, 2-story, 22-room rooming house, Tamara and 11th Sts.

Fla, Winter Park—P. C. Samwel, Archt. P. O. Box 412, preparing plans for \$200,000 hollow tile and stucco Aloma Apartments; steam heated with oil burners, electric refrigeration, garbage incinerator; 36 apartments, consisting of combination living and dining room, 1, 2 or 3 bedrooms, sun or sleeping porches and 36 private garages.\*

Ga., Atlanta—Columbia Trust & Realty Co. officials planning to erect co-operative apartment building on Pace's Ferry Road to cost

\$1,500,000 and be named Atlanta Savoy; Hentz, Reed & Adler, Archts., Candler Bldg.

Ga., Augusta — Bon Air-Vanderbilt Hotel Co. has permit for additions to servants' quarters; \$15,000.

Ga., Augusta—Blanchard & Calhoun, developers of Forrest Hills, associated with Adair Realty & Trust Co., Frank Adair. Pres., Healey Bldg., Atlanta, will probably let contract this week for \$2.000,000, 350-room Forrest Hills-Ricker Hotel, to be operated by Ricker Hotel Co., Poland Springs, Maine; Pringle & Smith, Atlanta Trust Co. Bldg., Atlanta, and Willis Irvin, Lamar Bidg., Augusta. Asso. Archts. Address Géo. C. Blanchard, Pres., Forrest Hills Corp.\*

Ga., Decatur—J. Howell Green, Chmn. Hotel Executive Comm., and J. A. McCrary, Chmn., Clitzens and Sales Organization, plan to sell \$200,000 worth of bonds to finance erection of 60-room hotel; survey recently made by Hockenbury System, Inc., Harrisburg, Pa.: Edwards & Sayward, Archts, 101 Marietta St., Atlanta.\*

Ga., Fitzgerald—Mayor J. H. Mayes and J. L. McCarty reported purchased property for proposed hotel; Mayor Mayes advises: "We have no plans for present; bought property for speculation."

Ky., Paducah—Charleston Investment Co., George Sauerbrunn, Pres., 8034 Madison St., St. Louis, Mo., received sub-contract bids, soon let contracts for \$350,000 Charlestor Apartment building, S. E. cor. 22nd and Jefferson Sts.; probably let contract to Fite-Yancey Construction Co. for basement and foundation work; Walter P. Manske, 4935 Delmar Blvd., and George R. Bartling, Archts., both St. Louis.\*

La., New Orleans—W. W. White, 4119 Saratoga St., in market for sub-contract bids for \$20,000 4-apartment building, Calhoun St., near Willow; tile roof, stucco, hardwood floors, tile baths.

Miss., Biloxi—Biloxi Real Estate Board interested in erection of \$150,000 community-owned apartment house.

Miss., Gulfport—Fairview Corp., Martin H. Menion, Pres., New Orleans, La.; Olive W. Kernan, Treas.. Baton Rouge, purchased 200 ft. beach frontage between Gulfport and Biloxi, plan development. Including erection of hotel; will remodel present buildings.

Mo., Foristell—Amity Association of S Louis reported to erect new Amity Hotel.

N. C., Asheville—L. W. Hill, 229 Broadway, erect \$22,500, brick veneer, 2-story, 12-room apartment house, 31 Pisgah Ave.
N. C., Charlotte—Dixle Realty & Building Co., 1442, S. Church St., erect \$15,000 frame and brick veneer 16-room apartment house, 2003 E. Fifth St.

N. C., Elizabeth City—Hockenbury System, Inc., Harrisburg, Pa., directed program in which \$332,000 of hotel stock was sold to finance erection of hotel building; C. O. Robinson, Chmn. of Executive Committee; will be operated by William-Foor Hotel Corp.; Address Richard C. Job, Sec., Chamber of Commerce.\*

N. C., Greensboro—J. H. Neese, owner of 3-story building at Washington and Davie Sts., contemplates conversion into hotel.

N. C., Kinston — Chamber of Commerce hotel committee considering plans by outside interests for erection of \$300,000, 10-story hotel building.

hotel building.

N. C., Waynesville—J. D. Hood, Sanford, Fla., purchased 4000 acres in Balsam Mountains: plans \$5,000,000 development, including \$1,000,000 hotel, golf course, etc.

S. C., Pickens—Frank McFall is Chmn. of committee for erection of \$50,000, 3-story, brick and steel hotel building; hardwood and tile floors, cement foundation, tile roof; Martin & Chapman, Archts,, Greenville. (See Machinery Wanted—Tile: Metal Ceilings; Metal Doors, Sash and Trim; Flooring; Marble; Limestone; Terra Cotta Trim).

Tenn. Chaitanooga—D. S. Etheridee, 329

Tenn., Chattanoga—D. S. Etheridge, 329
Market St., purchased S. E. cor. McCallie
Ave. and Lindsay St.; planning erection of
\$1.000.000, 12-story hotel; negotiating for
operation with Dinkler Hotel Co., Atlanta.

Ga.
Tenn., Chattanooga—Sam R. Read, 609
Vine St., expend \$25,000 for remodeling old
part of Réad House; work to start at once.
Tenn., Memphis—C. W. Irvine, 75 Davant
St., has plans by W. C. Lester for \$100,000.
12-apartment building on Madison Ave. near
Rembert St.; consists of 4 and 5 rooms each.
Tenn., Paris—Mrs. Susie Ragland, owner of
Thompson Apartments, Dunlap and Wood Sts.,
planning to erect 3-story apartment house.
Tex., Amarillo—Gordon Palmer plans con-

struction of \$15,000, 2-story, brick and concrete apartment building and \$60,000, brick, stone and concrete business building; private

Tex., Beaumont—Sam Baum, 595 Mariposa St., receiving bids for \$30,000, 2-story, brick and tile, semi-fireproof, 45x65-ft., S-efficiency apartment building; tile and composition roof, gas-steam heat; Schenk & Fulweiler, Archts., 202 Perletain Blace. gas-steam heat; Sch 303 Perlstein Bldg.

Tex., Corpus Christi—John E. Polous and associates, San Antonio. purchased lot at Chaparral and Aubrey Sts.; reported considering erection of hotel.

Tex., Denton-Clyde Godwin purchased corner Sycamore and S. Locust Sts., plan-ning to erect 60-room, fireproof, 3-story ho-tel building.

Tex., Houston-Mrs. Marie P. Britton erect \$17,000 frame and brick veneer 4-apartment house and garage, 1905 Taft St.

Tex., Houston—J. E. Crawford, 610 Tabor St., erect \$14,000 brick veneer 4-apartment house, East 7½ Norhill addition.

Tex., Houston—O. P. Steeger, West Bldg., erect \$11,000 brick veneer apartment building with garage, 1116 St. Joseph St.

ing with garage, 1116 St. Joseph St.

Tex., San Antonio—J. S. Van Hope, Los Angeles, Calif.. obtained site on Broadway at entrance to Brackenridge Park, planning to erect \$300.000 Spanish type apartment house to be built in 3 units; two units house 45 four-room and efficiency apartments, and third for bachelor apartments, containing 55 rooms; garage in basement.

Va. Warrenton—C. Ullman opens bids in about 30 days for 3-story, 67x107-ft., brick extension to Warren Green Hotel; wood floors, concrete foundation, slate and tin roof; Stuart H. Edmonds, Archt.\*

W. Va., Huntington—Neighborgall & Leach creet \$30.00 apartment house in Eighth St. near Tenth Ave.

#### Miscellaneous

Ala., Birmingham—Jemison & Co., 221 N. 21st St., representing property owners, reported planning to rebuild east side of 20th St. from Third Ave. to First Natl. Bank, to cost \$1,000,000.

cost \$1,000,000.

Ala., Mobile—Mobile Country Club, R. I. Speer, Pres., 1 N. Monterey Rd., has plans by George B. Rogers, Van Antwerp Bldg., for \$90,000. Spanish type, hollow tile and concrete clubhouse; replace structure burned.\*

Fla., Miami Beach — Cook's Casino Co., John A. Cook, Jr., 475 Ocean Drive, has pernit for \$80,000, concrete stucco casino building, Fifth St. and Ocean Drive.

Fig., Palm Beach—Greater Palm Beach Women's Athletic Club, Dr. Irene Behnke, Pres., purchased lot on Brazilian Ave. in Royal Park, as site for club building.

Ga., Fort Valley—Mayor H. M. Copeland donated lot in Oakland Heights to women's organizations of city as site for clubhouse. Address Woman's Club, care Mrs. Edwin Martin.

Ga., Savannah—George J. Baldwin. Ogle Bldg., has plans in progress by Levy, Clarke & Bergen, Liberty Bank & Trust Bldg., for kindergarten building, York and Houston Sts.

Ga., Waycross—Woman's Clubs of Way-ross planning to erect clubhouse in Chero-tee Heights.

Ky. Brandenburg — Brandenburg Realty Co., W. A. Baskett, Pres., has plans under way for \$10.000, 42x90-ft, auditorium. (See Machinery Wanted—Motion Picture Machinery; Heating Plant; Seating.)

Ky., Owensboro—James H. Davis, S. Frederica St. acquired Farnsworth Flats at Frederica and Tenth Sts.; will remodel for undertaking establishment.

Miss., Gulfport—Gulfport Yacht Club. Dr. rvah S. Hopkins, Pres., started campaign or \$100,000 for building clubhouse, yacht

Mo., Kansas City—Harry A. Rubin, 4208 Harrison St., and Claude L. Storms, 5804 Wyandotte St., leased S. E. cor. 13th and McGee Sts.; contract calls for erection of building in 5 years at minimum cost of \$50,000.

N. C., Asheville—American Business Club, R. A. Hilliard, Pres., Carmichael Bldg., pro-moting erection of athletic stadium, S. E. of McCormick Field.

Okla., Ponca City—Harry Cragin, S. J. Soidan and George L. Miller of Ponca City, and Ike Clubb and Hugo Milde of Kaw City. compose committee representing Cherokee Strip Cowpunchers Assn. for erection of memorial building.

S. C., White Rock—Lowman Home, C. E.

Hotinger, Supt., receiving bids for main building and dormitory.\*

Va., Afton—Allen J. Saville, Virginia Electric & Power Bldg., Richmond, head of syndicate of Richmond business men, announced purchase of Swannanca country estate for development of private country club; include golf course; reported considering plans for hotel.

Va., Harrisonburg — Massanetta Springs Bible Conference, care Dr. William E. Hud-son, erect new dormitory, additional study rooms and enlarge auditorium.

Va., Wakefield—Wakefield National Memorial Assn. will erect replica of house in which George Washington was born.

#### Railway Stations, Sheds, Etc.

Florida—Seaboard Air Line R. R. Co., S. Davies Warfield, Pres., Baltimore, Md., announced construction of more than 35 stations during the summer, to cost \$1,500,600, along new extension between West Palm Beach and Miami; Harvey & Clark, Archts., West Palm Beach.

Fla., St. Petersburg—Department of Pub-c Utilities, R. E. Ludwig, Director, receives ids until May 17 for construction of new ar barn and paint shops, 19th St. and Sev-nth Ave. North; \$105,000.

La., Shreveport — Huey P. Long, Chmn. state public service commission. announced that engineers of various railroads entering Shreveport will begin work at once, together with City Engineer, on set of plans for new union station, to be ready within next 6 wenths. months.

months.

Tex., Bownsville—Gulf Coast Raliway, C.

S. Kirkpatrick, Ch. Engr., 206 Union Station, Houston, receives bids until May 17 for erection of \$40,000. 1-story, brick, holow tile, cast stone and reinforced concrete passenger station; Kelwood Co., Archts., Travis Bldg., San Antonio.\*

Tex., San Juan—Missouri Pacific R. R., E. A. Hadley, Ch. Engr., St. Louis, Mo., reported plans to erect depot building.

#### Schools

Ala., Alabama City-School Board, J. D. Loner, Chmn., plans \$60,000 school bond elec-

Ala., Birmingham—Jefferson County Board of Education accepted plans; call for bids at once for rebuilding Minor High School; also erect 2-room building at Gurley Creek.

Ala., Blountsville—State Secondary School, J. B. Pennington, principal, plans to rebuild girls' dormitory recently burned at \$25,000 loss.

loss.

Ala., Huntsville—Board of Education selected property, 162x300 ft. extending from Randolph to Eustis Sts., as site for \$150,000 high school building; call for bids at once.

Ala., Northport—Tuscaloosa County Board of Education, John W. Abercromble, Supt.. Tuscaloosa, considering site for proposed school building.

of Education, John W. Abergromoic, Supt. Tuscaloosa. considering site for proposed school building.

Ark., Hope—School Board, Theo. P. Witt. Sec., soon select architect for \$30,000, 1-story, brick veneer junior high school; wood floors, concrete foundation, shingle roof.\*

floors, concrete foundation, shingle roof.\*

Ark., Little Rock—Board of Trustees, Little Rock Special School District, 800 Loulsina St., receives bids until May 31 for construction fireproof high school building, Park Ave. between 14th and 16th Sts.; John P. Almand, Boyle Bldg.; Mann & Stern, A. O. U. W. Bldg.; Wittenberg, Deloney & Watts, Southern Trust Bldg., Asso. Archts.\*

Ark.. Ozark—School Board, J. S. Turner, Pres., has plans in progress by Haralson & Nelson, 408 Merchants Bank Bldg., Fort Smith. for \$38,000 2-story, brick, 96x106 ft. High School building; wood and cement floors, concrete foundation, built-up roof.\*

D. C., Washington—District Commis-

D. C., Washington — District Commissioners, Room 509 District Bldg., receives bids until June 2 for construction of McKinley Technical High School; information at Room 427.

at Room 427.

Fla., Clearwater—Pinellas County Board of Public Instruction, R. S. Blanton, Supt., calls for bids within next month for construction of 5 elementary schools in outlying districts of St. Petersburg, and \$150,000 junior high school at Palm Harbor.\*

results of the state of the sta

Fla., Key West—Key West School District voted \$200,000 bonds for new school build-ings. Address Monroe County Board of Pub-lic Instruction.

Fla., Lakeland—Polk County Board of Public Instruction, Dr. J. A. Garrard, Chmn., sartow, let contract to Streater Brothers, or \$75,000, 2-story grade school on Central tye.; Whitworth & Poteet, Archts.\*

Fla., Pensacola—Special Tax School Dis-trict No. 16 defeated \$800,000 school bonds. Address Escambia County Board of Public Instruction.\*

Fla., Punta Gorda—School Board receives bids until May 17 for erection of \$200,000 high school building; Woopert, Brown & Leitner, Archts., 605 Smith Bidg., St. Peters-

Fla., Winter Park—Board of Education have completed plans about May 15 by H. M. Reynolds. O. B. & T. Bldg., Orlando, for hollow tile finished in stucco, \$200,000 high school building; A. B. Johnson, Supt., Winter Park School District.\*

Ky., Mayfield—Graves County Board Education soon to call for bids for 5 r school buildings.

Ky., Paducah—Board of Education, L. J. Hanifan, Supt., accepted plans by G. Tandy Smith, Guthrie Bldg., receives bids until May 21 for erection of \$75,000, 2-story, brick, Andrew Jackson elementary school building, 22d and Trimble Sts.

La., Doyline—Webster Parish Board of Education, J. E. Pitcher, Asst. Supt., Minden, has plans in progress by Edward F. Neild, Merchants Bldg., Shreveport, for 2-story, brick school building; will sell bonds June 21.\*

La., Gretna — Jefferson Parish School oard, Vic A. Pitre, Pres., decided to erect (cDonogh-Jefferson High School building in Gretna

La., Mansfield — Mansfield College plans construction of \$22,000, brick and concrete auditorium building.

La., New Orleans—St. Catherine of Sienna Catholic Church, Rev. Father Leo Jarysch, pastor, has completed plans by Theodore L. Perrier, 310 Carondelet St., for \$20,000. hollow tile and stucco, 8-room school building at Metairie Ridge.\*

Md. Baltimore—Archbishop M. F. Curley announced conversion of St. Joseph's School of Industry, Charles and 28th Sts., into high school to accommodate 700 Catholic girls.

Miss., Cleveland—Delta Teachers' College. See Miss., Hattiesburg).

(See Miss., Hattiesburg.).

Miss., Hattiesburg—R A. Brown, Sec. Commission on Public Improvements, Jackson, employed N. W. Overstreet, Overstreet Bldg., Jackson, prepare plans for practice building and improved heating plant at State Teachers' College, Hattiesburg; also prepare plans for \$150,000 improvements at Delta Teachers' Colleges, at Cleveland, to include dormitory and heating plant.\*

Miss., Oxford — University of Mississippi selected C. H. Lindsley, Archt., Jackson, prepare plans for \$150,000 chapel.\*

Miss., Scooba—Bert Stuart, Meridian, has contract to prepare plans and specifications for \$50,000 Kemper County Agricultural High School.

School.

Miss., Vicksburg—All Saints' College Bd. of Trustees has plans in progress by R. W. Boult. Adams St., for \$50,000, hollow tile and brick veneer dormitory.\*

Miss., Winona—Board of Trustees of City School Board opens bids May 14 for alterations to grammar school and for new school for negroes; N. W. Overstreet, Archt., Overstreet Bldg., Jackson.

Mo., Broseley—Town voted \$15,000 bonds for 6-room high school building. Address School Board.

School Board.

Mo., Fayette—Central College, Bishop W.
F. McMurry, Pres., plans \$750.000 Development Program; provide new chapel, \$100,000; transformation of former dormitory into fireproof library building, \$50.000; gymnasium, \$75,000; conservatory of music building, \$50.000; restoration of Brannock Hall dormitory for administration purposes, \$25,000; dormitory for men. \$200,000; religious education building, \$50.000; reprire to women's dormitory, \$40,000; central heating plant, \$75,000; miscellaneous, \$55,000.

Mo., Independence—Oldham School District, near Independence, voted \$12,000 bonds for new school; address Board of Trustees.

Mo., Webb City—School Board, A. G

Mo., Webb City—School Board, A. G Webb, Clerk, accepted drawings by Hawkin & Abbitt, McDaniel Bldg., Springfield, for rebuilding West Side School building \$30,000 bonds voted.\*

N. C., Littleton—Warren County Board of Education, J. Edward Allen, Supt., Warren-ton, receives bids until May 17 for erection of 4-classroom and auditorium addition to Graded School; plans and specifications may

obtained from M. S. Davis, Archt., Louis-

N. C., Mt. Pleasant—Cabarrus (County Board of Education, Concord, has tentative plans by M. R. Marsh, Latta Arcade, Char-lotte, for 18-classroom, office and auditorium high school.

N. C., Raleigh—Raleigh Township School Committee accepted offer of lot in Boylan Heights as site for new elementary school: J. M. Broughton, Chmn. Building Committee.

N. C., Wadesboro—Trustees of Wadesboro Graded School District, L. G. Atkinson, Sec., receives bids until May 14 for erecting brick-on-tile, 7-room school building with audito-

Okla., Durant—City recently voted bonds or \$100,000 school in Central Ward and additions to high school and 2 ward schools; B. White, Archt., Ardmore.\*

S. C., Columbia—School Board call elec-tion May 18 on \$500,000 school improvement

bonds.

Tenn., Chattanooga — Hamilton County Board of Education has plans under way for new buildings and additions, to be erected during summer months, as follows: W. H. Sears, James Bldg., Normal Park and St. Elmo Junior High additions; Dougherty & Gardner, Stahlman Bldg., Nashville, White Oak and additions to Red Bank and Southside School in North Chattanooga; James G. Gauntt, Hamilton Natl. Bank Bldg., addition to Mission Ridge and state consolidation school plans to be used for schools at Perry and Savannah; R. H. Hunt, James Bldg., or addition at Central High; Charles Bearden, First Natl. Bank Bldg., addition at Eastdale.\*

Tenn., Jefferson City—Carson-Newman College, Dr. O. E. Sams, Pres., selected Barber & McMurry, 425 N. Clinch Ave., Konxville, prepare plans for \$70,000, 3 story, colonial brick girls' dormitory; slate or tile roof, equipment and furnishings cost \$10,000.\*

equipment and furnishings cost \$10,000.\*

Tenn., Adams—City voted \$13,500 bonds toward construction of \$25,000 negro school building. Address City Commissioners.

Tenn., Knoxville—University of Tennessee Athletic Assn., care Prof. N. W. Dougherty. Engr., opened bids for \$20,000, 300x47.6-ft. reinforced concrete athletic stadium for Shields-Watkins field; W. M. Felts & Son. Chicamauga and Spring Sts., low bidders.\*

Tex., Austin—Texas Memorial Stadium Association, Inc., Max Fichtenbaum, Executive Sec., University of Texas, opens bids May 25 for construction of addition to stadium.\*

Tex., Dallas—Trustees of Pleasant Mound

Tex., Dallas—Trustees of Pleasant Mound School District appointed Russell & Palmer, Archts., Melba Bldg., prepare plans for \$20,-000, brick school building.

Tex., Dilley—Dilley School District voted \$55,000 bonds for new school building; Henry T. Phelps, Archt., Hicks Bldg., San Antonio.\* Tex., Harlingen — Harlingen School District Board of Trustees, S. D. Grant, Pres., plans \$20,000 bond election for new school building on Briggs-Coleman tract.

Tex., Hillsboro—W. F. Doughty, Supt. of Schools, call \$60,000 bond election for \$20.000 extensions to junior high and Travis Elementary, \$15,000 repair work on Harris, Franklin and Peabody schools, etc.

Tex., Houston—Board of Education, H. L. Mills, Bus. Mgr., has completed plans by Endress & Cato, Bankers Mortgage Bldg., for Harbor Sunset Heights and Woodland school buildings; each 2 stories, containing 8 rooms and lunch room.

Tex., Mercedes — Mercedes Independent School District voted \$140,000 improvement bonds to include 14-classroom addition to High School; Elwing & Mulhausen, Archts., Harlingen.

Tex., Omaha—Board of Education let contract to John Haynes, at about \$18,000, for addition and remodeling 2-story, brick school; John W. Westbrook, Archt., 407½ N. Bishop St., Dallas.

Tex., Pharr—School Board, Dan Williams.
Pres., receives bids until May 20 for erection
of 12-classroom and auditorium school building; \$80,000 bonds just voted: Page Bros.,
Archts., Austin Natl. Bank Bldg., Austin.\*
Tex., Quanah—Quanah School District
probably votes this summer on \$50,000 school
bonds. Address Board of Trustees.

Tex., Sebastian—Board of Education has plans in progress by R. Newall Waters, Weslaco, for new school and repairs to present buildings; \$30,000.

Tex., Texarkana—School Board of Tex arkana Independent School District, C. C. Bounds, Pres., call election June 1 on \$300,000 bonds for erecting and equipping

junior college and enlarging and improving elementary schools.

Tex., Wichita Falls—Cashion School District voted \$25.000 bonds for brick and concrete school building; B. D. Sartin, County Judge.

Tex., Wills Point — Board of Education soon call \$70,000 election to remodel ward school and erect High School.

Va., Blacksburg—Virginia Polytechnic Institute, Dr. Julian A. Burruss, Pres., receives bids until May 20 for underground steam and return mains and protecting concrete conduits for War Memorial Building and Library; plans and specifications may be obtained from Wiley & Wilson, Const. Engrs., Peoples Natl, Bank Bldg., Lynchburg.

Va., Driver—School, Board, erect, teacher.

Va., Driver—School Board erect teacher-age and cottage for home economics to re-place buned dormitories.

Va., Fincastle—Botetourt County Board of Education issue bonds for erection of school buildings.

buildings.

Va., Fredericksburg—State Teachers' College, A. B. Chandler, Pres., receives bids until May 20 for erection of second unit. Dormitory No. 2 (Virginia Hall); plans and specifications may be seen at office Builders' Exchange, Richmond. State Teachers' College, and Charles M. Robinson, Archt., Times-Dispatch Bidg., Richmond.\*

Va., Harrisonburg—Rockingham County Board of Education will erect additions containing auditorium-symnasium to Dayton and Broadway high schools this summer; cost \$35,000 to \$40,000.

Va., Marion—School Board contemplates erecting new high school and adding to equipment of schools.

Va., Norfolk—School Board, E. L. Myers, Chmn. Building & Property Committee, receives bids until May 17 for erection of 24-room annex to Matthew Fontaine Maury High School; plans and specifications may be obtained from Neff & Thompson, Archts.. Scabbard Bank Bldg.\*

Va., Rustburg—Campbell County Board of Education, J. J. Fray, Div. Supt., receives bids until May 17 for erection of 4 or more 2-room Rosenwald schools; sites selected at Brookneal, Evington, Leet and Kingston.

W. Va., Richwood—Board of Education, A. C. Craig, Pres., open bids next month for \$30,000, brick on cinder block school building; Carey built-up roof, wood floors, equipment cost \$2500, include seats, blackboards, teachers' desks; Edward J. Wood & Son, Archts., Lowndes Bldg., Clarksburg.\*

Ala., Birmingham—Shepherd & Sloss, 2120 First Ave., North, purchased 6-story, rein-forced concrete, brick and steel Lyric Bldg., N. E. cor. Third Ave. and 18th St.; will con-vert corner and 4 stories above into depart-ment store; \$100,000.

ment store; \$100,000.

Ark., Marked Tree—Estate of E. Ritter plans to erect \$15,000. 1-story, 85x140-ft., brick stores and office building on Elm St.; cement floors and foundation, built-up roof, equipment and furnishings cost \$5000. [See Machinery Wanted—Tile; Metal Cellings; Flooring (Linoleum); Vaults and Vault Lights.]\*.

Ark. Breach Committee Commit

Ark., Branch—Clem & Wilburn erect 2-story, concrete building on Cotner Ave.
D. C., Washington—William E. Beall, 714 K St. N. W., purchased 800 K St. N. W.; reported to erect building for store and lunchroom.

Fla., Miami—Carl G. Fisher Properties, Lincoln Road, Miami Beach, will erect \$132,000 building, S. W. cor. 51st St. and Prairie Ave.; have 8 stores with 8 garages in rear, on first floor, with 16 apartments above.

Fla., St. Petersburg—E. Richard Hall, 312 Central Ave., contemplates erecting store and apartment building, 28th St. and First Ave. North.

Fla., Tampa—Olin Falk, 714 Franklin St., contemplates erecting 12-story and basement building, Franklin and Polk Sts., provide 6 stories for department store, basement for storage, five stories for offices and top floor for restaurant with rest rooms, roof garden, etc.; tentative stage.

etc.; tentative stage.

Fla., Tampa—Worth, Inc., leased 3-story building at 507-13 Tampa St., start work in August, on remodeling and renovating.

Ky., Owensboro—S. S. Kresge Co., 455 Seventh Ave., New York, expend about \$50,000 for improvements to Westerfield Bidg., Second and Allen Sis.; Platoff & Bush, Contrs., 122 W. Liberty St., Louisville, submitting estimates.\*

Ky., Paducah—Robert B. Control of the c

Ky., Paducah-Robert R. Guthrie of E.

Guthrie Co., 322 Broadway, announced plans for expansion; \$300,000.

Md., Baltimore—Joseph H. Pentz Co., Citizens Natl. Bank Bldg., purchased Maryland Hotel, S. W. Cor. Washington and Chesapeake Aves., Towson; will remodel for business purposes.

Miss., Picayune—Rathbone DeBuys, Archt., Juan G. Landry, Albert L. Theard, Asso-ciates, Hibernia Bank Bldg., New Orleans, rejected all bids; plans being revised for 1 story, brick, 110x100-ft. store building for Crosby & Rowland.\*

Miss., Sturgls—A. V. Frazier soon start work on 2-story, brick store building; Drane Hardware Co. adding another story over pres-ent building.

Mo., Excelsior Springs—F. B. Suddarth, 312 S. Kensington St., Kansas City, erect brick building on South St. Mo., Kansas City—E. J. Dietrick, 506 E. 71st St., erect \$23,000 business building at 2800 Mercler St.

Mo., Kansas City—Security Service Co. will erect \$20,000 business building, 1610-12 Oak St.

Mo., Kansas City—J. R. Meister erect \$12,000 business building at 2200-8 E. 39th

Mo., Kansas City—Westbrook Investment Co. erect \$50,000 store and hotel building at 7425-35 Wornall Road.

Mo., Kansas City—H. L. Kinsler, 1814 Vine St., will erect business building at 1901 How-ard St.

Mo., Kansas City—F. D. Martin, 525 E. 54th St., will erect \$20,000 brick structure at 2-7 Goodich Place.

Mo., Kansas City—Mutual Realty & Investment Co. will erect \$35,000 business building at 1518-20 Walnut St.

Mo., Kansas City—McCanles Building Co., 400 Victor Bidg., erect \$45,000 brick structure at 3110 Forest Ave.

Mo., Kansas City-Mrs. A. Kelley, 5320 Rockhill St., erect \$35,000 brick building at 4510-12 Main St.

Mo., Springfield—G. W. Finn plans ex-tensive remodeling of brick building on Col-ege St.; build new stucco front.

Mo., St. Louis—Miller Wall Paper & Paint Co., 1001 Franklin St., leased stores at 819 N. Sixth St. and 1304 Olive St.; plans extensive improvements to both.

N. C., Chesnee—Weaver & McMillan will rebuild department store burned at \$25,000 loss. (See Machinery Wanted.)\*

N. C., High Point—The Acorn Stores, Inc., New York, purchased Dixie Department Store, 123 N. Main St.; will enlarge and improve; D. D. Pou, local manager.

Tenn., Chattanooga—William F. Fritts Drug Co., William F. Fritts, Pres. and Gen. Mgr., 609 Broad St., negotiating for erection of 5-story building on Market St.

Tenn., Columbia—Hill Grocery Co. may erect store building.

Tenn., Kingsport—M. L. Simmerman and R. R. Bridwell have plans by R. D. Beeson, Johnson City, for two 2-story, brick, 25x80-ft. business buildings, Sullivan and Claremont Sts., Five Points; upper floor for apartments.

Tenn., Knoxville—J. B. and W. G. Brown-low, 1302 Clinch Ave., will supervise recon-struction 2 buildings on Gay St.; remove partition wall, contain shops with 42x115-ft.

hall above.

Tenn., Knoxville—E. C. Fretz, 607 Market St., plans to remodel and enlarge Deaderick Bldg.; also remodel building adjoining; first floor for stores, with offices above.

Tenn., Nashville—Dad's Auto Accessories & Radio Store, 160 Eighth Ave. N., plans immediate construction of 3-story building extending from Eighth to Ninth Aves.

Tenn. Nashville—Rich, Schwartz & Joseph, 225 Fifth Ave. N., will enlarge and remodel store at 227 Fifth Ave. North.

Tex., Alamo—C. H. Swallow has plans in progress by A. H. Woolridge, McAllen, for 2 concrete, hollow tile and stucco store buildings.

buildings.

Tex., Amarillo—Gordon Palmer plans to erect \$60,000 business building.

Tex., Austin—S. Ferris, 505 E. Sixth St., has plans by Edwin C. Kreisle, Scarborough Bildg., soon let contract for remodeling store building, 505 E. Sixth St.; new plate glass show windows, tile entrance lobbies, etc.

Tex., Beaumont—R. L. Stewart let contract to H. Jack Davis, 2425 North St., at \$20,000, for 1 story, \$0x120 ft., brick store building; F. W. Steinman & Son, Archts., 411 San Jacinto Life Bildg.

Tex., Brownsville—Borderland Hardware

Tex., Brownsville-Borderland Hardware

Co. has plans by Elwing & Mulhausem, Harlingen, probably let contract next week for \$50,000, 50x120 ft., 3-story furniture store building; tile and wood over concrete floors. concrete foundation, Barrett roof, hollow and interior tile, steel sash and trim, marble, cast stone, terra cotta trim.\*

Tex., Dallas—C. S. Papa and L. E. Ardin, 706 Woodlawn, have plans in progress by F. J. Woerner, 503 Central Bank Bldg., for 2-story, 75x190-ft., \$15,000 store and hotel.

Tex., Fort Worth—M. A. Rosenthal, 1637 S. Adams St., has permit for \$50.000 brick store building, First and Throckmorton Sts. Tex., Houston—Dr. E. Marvin Bailey, 2407 Main St., has plans by Cameron Fairchild: soon start work on 60x75-ft., 1-story, stucco. 3-store building, Washington Ave. and Waugh Drive; build filling station in consection. nection.

Tex., Kerrville—W. B. Brown Heating & Plumbing Co. has plans in progress for 1 story, fireproof, 70x110 ft., \$30,000, 3-room building, Earl Garrett and Main Sts.; plate glass fronts, steam heat.

Tex., Palestine—Wyatt-McInnes Furniture Co. has plans in progress by Theodore S. Maffitt for \$30,000, 2-story store building, N. Magnolia and Crawford Sts.

Tex., Ranger-A. L. Brin, 2314 Fores Dallas, may erect business building,

St.
Tex., San Antonio—J. T. Jamison, 241
Rroadway, plans construction of business
building at Broadway and Third St.
Tex., Schulenburg—Baumgarten Matula
Co. erect \$25,000, 2 story, brick and concrete
store building; Richard Vander Stratten,
Archts., Travis Bldg., San Antonio.
Tex., Texarkana—Phil E. Baer, Paris,
purchased building at 213 W. Broad St.,
begin remodeling at once.
W. Va., Huntington—Robson & Prichard
purchased N. W. cor. Ninth St. and Sixth
Ave.; plan erection of 2-story business block
W. Va., Huntington—Thackston Brothers

W. Va., Huntington—Thackston Brothers Tire Co., 1001 Sixth Ave., erect \$10,000 building, Tenth St. and Sixth Ave.

#### Theaters

Ala., Gadsden—Lee L. Castleberry, Mgr. of Imperial Theater, let contract at once for addition of gallery seating 400, etc.\*

D. C., Washington—Keith-Albee Vaudeville Circuit, Edward F. Albee, Pres., 1564 Broadway, New York. (See Md., Baltimore.)

way, New York. (See Md., Baltimore.)
Fla., Miami—Moonlight Amusement Park creet \$10,000 open-air theater, N. W. 14th St. between Third and Fourts Aves.; E. F. Quinlan, Archt.
Fla., Palatka—E. J. Sparks Enterprises has plans in progress for \$200,000, Spanish type theater building on former site of Grand Theater, Lemon between First and Second Sts.\*

La., Hammond—Rialto Theater, Miss C. Foltz, Mgr., has plans by Ben Gallup for enlarging and overhauling.

enlarging and overhauling.

Md., Baltimore — Keith-Albee Vaudeville Circuit, Edward F. Albee, Pres., 1564 Broadway, New York, purchased half interest in Producers' Distributing Corp., care Jeremiah Milbank, 40 Wall St., New York; reported planning erection of \$2,500,000 to \$3,000,000 motion-picture theater with seating capacity of between 4000 and 5000 persons; also planning to erect theater in Washington; Thomas W. Lamb, Archt., 644 Eighth Ave.. New York.

New York.

Mo., Joplin—United Studios, Inc., L. P.
Larsen, Gen. Mgr. and Art Director, start
work last of June on \$350,000, 120x150-ft.
vaudeville and motion-picture theater. N.
W. cor. Fifth St. and Virginia Ave.: stage
\$5x24 ft., ventilating system to cost \$27,000,
\$40,000 pipe organ; E. W. Wingo, Springfield, represents real estate department:
Fred Jacobs, Archt., 4442 Monticello Ave.,
Chicago, Ill.
N. C., Kings Mountain—L. E. W. Ling.

N. C., Kings Mountain—J. E. Webb plans convert 2 store buildings into theater.

#### Warehouses

Ala., Birmingham—George Gordon Crawford, Pres. of Tennessee Coal, Iron & Railroad Co, reported has permit for \$45,000 warehouse and office building, 24th St. and 17th Ave. South.

Fla., Live Oak—Suwanee Tobacco Ware-buse Co., Cary A. Hardee, Pres., organized ith \$20,000 capital stock for erection of archouse.\* warehouse.

a., Miami—I. E. Schilling Co., F. M. nor, Vice-Pres., Schilling Bldg., will 50x150-ft. warehouse, South Miami.

Fla., Miami—Terminal Warehouse Co. of Miami, C. A. Welant, Vice-Pres. and Treas., will erect \$750,000, 6 story, fireproof distributing warehouse on Seaboard Air Line Railway at N. W. 36th Ave. and N. River Drive; Marley W Lethly, Archt., 500 Marshall Bldg.; Sajo-Wank-Berz, Asso. Archts.; contract in 2 weeks.\*

Fla., Tampa—Kreiss Potassium Phosphate Co. soon start work on \$200,000, 235x850 ft., reinforced concrete, public terminal ware-house on east side of Estuary.

La., Lake Charles—Lake Charles Harbor & Terminal Commission, Elmer E. Shutts, Engr., Asso. of Commerce Bldg., receives bids until June 1 for construction two 70x300-ft. steel warehouses.

Mo., St. Louis-Italian Mercantile Grocery

& Mfg. Co., Inc., Harry Maiselli, Mgr., 5225-27 Bischoff Ave., will erect 2-story, 50x60-ft. warehouse in rear of present building. See Machinery Wanted—Boxes (Wooden).

Tenn., Memphis—W. W. Wessell, 188 verton Park Ave., has permit for \$40,000 story, reinforced concrete warehouse at 31. Front St., for W. E. Stansbury, 244 Stone

Tex., Corpus Christi—J. L. Beck, Mgr. of Fortuna Broom Co., Beeville, and A. L. Chivers, Sec. Beeville Broom Corn Exchange, Beeville, promoting erection of broom corn warehouse

Tex., San Antonio—Builders Supply Co., 1502 S. Alamo St., receives bids this week for \$40,000, 1-story, reinforced concrete warehouse, Camp St.; Morris & Noonan, Archts., Builders Exchange Bldg.

Va., Amherst—Bank of Amherst remodeling building; Clarke & Crowe, Archts.; Fuqua Construction Co., Contr., both Krise Bldg.. Lynchburg.\*

#### Churches

Ark., Jonesboro—First Christian Church let contract to H. A. Lesmeister, 923 W. Washing-ton St., for \$40,000 Sunday school; brick and stucco, 2 stories, composition roof, oak finish. steam heat; E. J. Wolpert, Archt., Suite 17 American Bldg.\*

Fla., Panama City—Roman Catholic Church rect Colonial parish house, Harrison Ave.; rooms; Burham & Hait, Contrs., Lynn

Fla., West Palm Beach—Geo. F. Bensel completed reinforced concrete foundation of \$50,000 residence; insulated frame and stucco. 2 stories, tile and oak floors, tile roof; DaCamara-Chaec Construction Co., Contr., P. O. Box 186; electric work and plumbing not let. See Machinery Wanted.\*

Ga., Savannah—St. Paul's P. E. Church, S. K. Ward, Chmn., Bldg Comm., erect \$35.000 Sunday school, 34th St.; Gothle type, 2 stories, red face brick, stone trim; accommodate \$00; Levy, Clarke & Bergen, Archts. Liberty Bank & Trust Bldg.; W. F. Fry, Contr.

La., Bogalusa—Roman Catholic Church of Annunciation, Father Placide Dobyns, Pastor. let contract to LeBlanc & Renard for hollow tile and brick veneer building; 1 story, slate roof; Rathbone DeBuys, Archt; Juan J. Landry and Albert L. Theard, Asso. Archts., all Hibernia Bldg., New Orleans.

La. New Orleans—Oscar Levy, 2411 Upper-line St., has wiring contract for Agudth Achim Anshe Sfard synagogue: plumbing and heating, A. G. Rose, Union Indemnity Bidg.; plastering, Max Fishman, 612 Gravier St. Hyman Rabinovitz, Archt.-Contr., Strand Bldg.\*

La., Plaquemine—Lukens Steel Co., Poland and Rocheblave Sts., has structural steel contract for \$200,000 St. John's Evangelist Church; misc. iron. Jas. R. Sutton, 312 St. Joseph St.; Emile Weil, Inc., Archt., Whitney Bldg.; J. V. and R. T. Burkes, Contr., 1402 New Orleans Bank Bldg., all New Orleans.\*

Okla., Oklahoma City—Tibbs-Dorsey Manufacturing Co., 911 S. Walker St., has mill-work contract for \$75,000 church for Carmelite Fathers, 1015 S. Walker St.; wiring, Arnold & Wetherbee; stone and brick, Lumberman's Supply Co., American Natl. Bank Bldg.; steel, J. B. Klein Iron & Foundry Co., 1006 W. Second St.; roofing and sheet metal. Swanda Bros.. 510 W. Second St.; Reinhard & Donovan, Archts., Trades Natl. Bank Bldg.\*

Tenn., Mount Pleasant—Baptist Church erect \$10,000 to \$12,000 building, Bond St.; 36x60 ft. and 18x50 ft., brick veneer; main auditorium and classrooms; Spence Parsons, Constr. Supervisor.

Tex., Georgetown—Christian Church started work on building, Main and 17th Sts. Ad-dress The Pastor.

Tex., Matador—Methodist Church, T. T. Jameson, Chmn., Bldg. Comm., let contract at about \$20.000 to Starks & Canady, Lockney, for brick building; 50x90 ft., seat 500, Sunday school in basement accommodate 300.

Sunday school in basement accommodate 300.

Tex., Olney—Cumberland Presbyterian Church let contract at \$22,100 to Chas. M. Blalkowski, P. O. Box 637, Wichita Falls, for brick building: 2 stories and basement, 61x83 ft., pine floors, reinforced concrete foundation, built-up asphalt and asphalt shingle roof: furnishings, equipment, etc., \$3000; A. H. Smith & Sons, Archts., 503 Reynolds Bldg., Fort Worth. See Machinery Wanted.\*

Wanted.\*

Tex., Waco—Church of Christ, John W. Tabor, Chmn., Bldg. Comm., excavating for \$34,000 building. Columbus and 16th Sts.; Birch D. Easterwood, Archt., 614-15 Liberty Natl. Bank Bldg.; S. B. Swigert, Contr., 217 Provident Bldg.\*

Va., Roanoke—Church of the United Brethen in Christ, Rev. U. P. Hovermale, Pastor, let contract for \$50,000 building, Ferdinand and Mountain Aves., to J. C. Senter, 919 Maiden Lane; main auditorium and Sunday school; 1-story, balcony and basement and 3 stories.

stories.

Va., South Boston—Main Street Methodist Church let contract at \$31,250 to R. M. Felton, care Boston Lumber & Builders Corp., for Sunday school.\*

W. Va., Fairmont—Highland Avenue M. E. Church. South, care Harry G. Shafferman, 406 Murray Ave., let contract for \$75,600 building to J. T. Dotts, 116 Russell St.; C. H. Snider, Archt., Professional Bldg.\*

#### BUILDING CONTRACTS AWARDED

#### Association and Fraternal

Fla., Fort Lauderdale—Carpenters Local Union No. 1394, Harry J. Walls, Chmn., Bldg. Comm., started work on \$45,000 building under general supervision of F. F. Sutton: Lewis Durham, Asst. Supt.; 3 stories, rein-forced concrete and steel; Sutton & Routt, Archts., Maxwell Bldg.\*

Archts., Maxwell Bldg.\*

La., New Orleans—Missouri Glass Co. has glazing contract at \$11.800 for \$2.250.000 Masonic Temple, St. Charles and Perdido Sts.; leaded glass, Century Ornamental Glass Co. \$1729; Sam Stone, Jr., Archt., 714 Union St., New Orleans; James Stewart & Co., Contr., 408 Pine St., St. Louis, Mo., and 327 St. Charles St., N. O.\*

Okla., Guthrie—Ancient Free and Accepted Masons, care W. M. Anderson let contract to Campbell & Price for \$100,000 Masonic Old Peoples Home; 90x86 ft. 6 stories, brick, stone and reinforced concrete, fireproof, oak floors and finish, steam heat; 155 rooms; hospital on top floor; Hawk & Parr, Archts., Cotton Exchange Bldg., both Oklahoma City.\*

#### Bank and Office

Ala., Ensley—Bank of Ensley let contract to Davis Co., 2023 Avenue C, for \$50.000 addition: marble, Georgia Marble Co., Atlanta. Ga.; roofing and sheet metal work, Geo. F. Wheelock Co., 2313 Avenue E.; wiring, Bagby Elevator & Electric Co., 121 S. 20th St.; plastering, R. A. McLeod. 1616 N. First St., all Birmingham; brick and marble. 1-story. 20x-120 ft.; Warren, Knight & Davis, Archts., 1603 Empire Bldg., Birmingham.\*

La., Arabi—White Floor Co., 3606 Canal St., New Orleans, has floor-surfacing contract for Arabi Packing Co. office building; Rathbone DeBuys, Archt.; Juan J. Landry and Albert L. Thread, Asso. Archts., both Hibernia Bldg., all New Orleans.\*

La., New Orleans—Thos. M. Johnson, 802

La. New Orleans.—Thos. M. Johnson, 802
Perdido St., has excavation contract for \$4.000.000 Canal-Commercial Bank & Trust Co.
building; pile driving. Dalgarn Construction
Co., Louisiana Bldg.; Emile Well, Inc., Archt.,
Whitney Bldg.; O. M. Gwin Construction Co.,
Contr., Union Indemnity Bldg.\*

Contr., Union Indemnity Bldg.\*

Miss., Gulfport—Southern Holding Co. let contract to A. C. Samford, Shepherd Bldg., Montgomery, Ala., for \$300,000 reinforced concrete, stone and terra cotta bank and office building for Bank of Gulfport: 7 stories and mezzanine, 50x75 ft., marble floors and marble and bronze fixtures in bank, terrazzo floors and wainscoting, vaults, circulating ice water, fans, elevators, steam heat; N. O. Overstreet, Archt., Overstreet Bldg., Jackson, Miss.\*

Miss., Jackson—Standard Oil Co., R. B.

N. O. Overstreet, Archt., Overstreet Bldg., Jackson, Miss.,

Miss., Jackson—Standard Oil Co., R. B. Dobson, Dist. Mgr., let contract for \$150,000 office building, North State and Amite Sts. to Davis Co., Birmingham, Ala.; concrete, steel. brick, stucco, hollow tile and terra cotta, 2 stories, tile roof. marble, terrazas and tile floors, 1 elevator, Dunham vacuum heat, oil burning equipment, conduit electric wiring; plans by Engineering Dept., Standard Oil Co., W. Edwin Glossop, Archt., Louisville, Ky.\* Miss., Natchez—Britton & Koontz National Bank let contract to Dudley & Wikle Construction Co., 823 Poydras St., New Orleans, La., for marble fixtures, H. Boyd Co., Monroe, La., for alterations to banking rooms; tile floors, repair vaults; Rathbone DeBuys, Archt.; Juan G. Landry and Albert L. Theard, Asso, Archts., all Hibernia Bldg., New Orleans.\*

Mo., St. Louis—C. Schlather, 3635 Flad St., has \$10.000 permit to erect store and ffice building, 1605 S. Grand St.; 3 stories, 3x51 ft., brick. composition roof; Klingen-mith, Rice, Wilkins, Archts., Laderman

Bldg.; H. Beetz, Contr., 2663 Nebraska St.

Bldg.; H. Beetz, Contr., 2663 Nebraska St.
N. C., Greensboro—Greensboro Bank &
Trust Co., Capt. J. W. Fry, Chmn., Bldg
Comm., let contract to Angle & Blackford,
American Bank Bldg., for \$1.250,000 bank
and office building; heating, E. McKenzie,
349 Elm St.; plumbing and refrigeration.
Crutchfield Plumbing Co., 311 S. Green St.;
electric work, Michael & Bivens, 120 N. Elm
St.; elevators, Otis Elevator Co., 322 S. Davie
St.; 12 stories, 72x144 ft., steel, granite, terra cotta to third floor, terra cotta and face
brick above; main entrance lined with marble;
vaults and heating plant in basement; bank
on first floor and mezzanine; Chas. C. Hartmann, Archt., Jefferson Bldg.\*

Okla.. Ponca City—J. H. Heath Co. has plumbing contract for \$350.000 additions to Marland Refining Co. office building; cut stone. Consolidated Cut Stone Co.; heating, Grinnell Co.; structure 5 stories and basement, 2 L-shape wings. 100x70 ft.; L. G. Harmon, Ch. Engr. of Marland Refining Co.\*

S. C., Gaffney—Gaffney Manufacturing Co. let contract to L. Baker for vault and re-modeling interior of offices.

Tenn.. Knoxville—Holston National Bank let contract to W. A. and J. E. Gervin, 413 W. Clinch Ave., for remodeling building; addi-tional cages; re-decorating.\*

W. Clinch Ave., for remodeling building; additional cages; re-decorating.\*

Tex., Dallas—Following sub-contracts let for \$1,500,000 Allen Bidg.: Struct. steel, Austin Bros., 1815 Coombs St.; electric work, Electric Construction Corp., 1715 Live Oak St.; ornamental iron, Southern Ornamental Iron Works, 2425 S. Harwood St.; plaster. Williamson-Greer; painting, Joe Steinberg & Co., 507 S. Ervay St.; elevators. Otis Elevator Co., 1820 Young St.; glazing, Pittsburgh Plate Glass Co., Santa Fe Bidg.; marble and tile, W. A. Jacobie Co., 500 N. Akard St.; stack and house tank, Wyatt Metal & Boiler Works. W. Dallas St.; hollow tile, Acme Brick Co., Santa Fe Bidg.; face brick, Reliance Brick Co., Santa Fe Bidg.; face brick, Reliance Brick Co., S. W. Life Bidg.: common brick. Ferris Brick Co., Praetorivn Bidg.; mortar, Blue Diamond Co. of Dallas, 2422 Myrtle St.; concrete core pans, Berger Manufacturing Co., 2101 Corinth St.; roofing, Dougherty-Duke Roofing Co., 2424 Combs St.; sheet metal. A. C. Horn & Co., Praetorian Bidg.: hardware, Huey & Philp Hardware Co., 1029 Elm St.; plumbing and heating, Hamilton Co., 2301 Griffin St.; millwork, L. E. Ingram Co., Wilson Bidg.; cast stone, Ernest Oates Stone Co., 3125 Routh St.; gravel, Vilbig Bros., Paris St.; Venetian blinds. Bostwick-Godel; cement. W. L. Macatee & Sons, 2907 San Jacinto St.; rubber tile, S. W. Nichols, 2116 Jackson St.; rubber tile, S. W. Nichols, 2116 Jackson St.; mail chute, American Mailing Co.; terra cotta, Atlanta Terra Cotta Co., Atlanta, Ga.; The Mid-West Co., Inc., Archt., 402 Southland Life Bidg.; C. L. Shaw, Contr., Allen Bidg.\*

C. L. Shaw, Contr., Allen Bldg.\*

Tex., Haskell—Barnes Lumber Co.. Waco, nas millwork contract for remodeling work on Haskell National Bank; cut stone, John Kassauf; tile. West Texas Tile Co.. both Abilene; struct. and reinforcing steel and misc. iron, Mosher Steel & Machinery Co., Dallas; Voeleker & Dixon, Archts., 4 Kahn Bldg., Wichita Falls; J. R. Horn & Sons., Contrs. Abilene.\*

Tex., Houston—American & Venetian Marble Co. has terrazzo floors contract for \$3,000.000 Neils Esperson office building, Travis and Rusk Sts.; John Eberson, Archt., 212 E. Superior St., Chicago, Ill.; Harry E. Weaver, Asso. Archt., care owner; A. A. James, Resident Engr.\*

Tex., Wichita Falls—First National Bank

Tex., Wichita Falls—First National Bank remodel building; cost \$100.000: Wyatt C. Hedrick, Archt., 1005 First Nat. Bank Bldg., Fort Worth: Westlake Construction Co., care Harry B. Friedman, 402 First Nat. Bank Bldg., Ft. Worth, contract on cost plus basis.

#### City and County

Fla.. Orlande—Orange County Board of Commrs. let contract to A. Bentley & Sons to., 616 Atlantic Natl. Bank Bldg., Jacksonville, for \$700,000 courthouse: struct. steel trame, concrete floors, brick backing, limestone and granite front, 5 stories, 79x172 tt., concrete, terrazzo and composition floors, concrete foundation, built-up roof; Murry S. King and James B. King, Asso. Archts., 748 N. Orange St., excavating. See Machinery Wanted.\*

ry Wanted.\*

Tex., San Antonio—Bexar County Board of Commrs., Augustus McCloskey, Judge, let contract at \$976,846 to Walsh & Burney, 928 N. Flores St., for remodelling and 5-story addition to courthouse; heating, ventilating and plumbing, Jud & Ormand, 703 N. Flores St., \$125,608; refrigeration, Martin Wright Electric Co., 325 E. Houston St., \$2762; elevators, Otis Elevator Co., 124 Garden St., \$34,865; wiring, Wright Bros., 422 Main Ave., \$21,940; concrete, stone, brick, hollow tile and steel, Phelps & DeWees, Archts., Gunter Bldg.; Emmett T. Jackson and Geo. Willis, Asso. Archts., Builders Exchange Bldg.; Willard E. Simpson Co., Struct.-Conslt. Engrs., Natl. Bank of Commerce Bldg.\*

#### **Dwellings**

Ala., Birmingham — L. N. Shannon, 4238 Glenwood Ave., erect \$30.000 residence, Red-mont Park; Chas. H. McCauley, Archt., Jack-son Bildg.; L. E. Ford, Contr., 2217 First Ave. N.

Ala. Birmingham—L. E. Ford, 2117 N. First Ave., erect 2 dwellings, Redmont Park; face brick and stucco, 1½ and 2 stories, 57x 41 ft. and 34x56 ft., stone trim, hardwood floors, steam heat, garages; B. B. Burnham, Archt., 1921 Age-Herald Bldg.; owner builds.

Ala., Birmingham—W. D. Mezzall, 600 Highland Ave., erect frame residence, College Hill; 1 story, composition roof, hot air heat; L. E. Ford, Contr., 2117 N. First Ave.

Ala., Birmingham—Normens & Poe, 2024 N. Fourth Ave., erect 2 dwellings, 1039-43 S. 42d St.; brick veneer, 1 story, composition roof; total cost about \$10,000; owner builds.

S. 220 St., brick veneer, 1 story, composition roof; total cost about \$10,000; owner builds.

Ala., Birmingham—Jos. W. Pate, 801 Princeton Ave., West Birmingham, erect 518,000 residence, S. Tenth Ave. and Essex Rd.; brick veneer, 2 stories, 9 rooms, hardwood floors, tile baths, slate roof Ed. Gourley, Contr., 7517 N. Second Ave.

Ala., Birmingham—W. V. M. Robertson, Jr., 2845 Carlisle Rd., erect frame residence, Milner Heights; 2 stories, composition roof; L. E. Ford, Contr., 2117 N. First Ave.

Ark., Little Rock—D. R. McClurg, 924 W. Fourth Ave., let contract to M. F. Lawing for brick veneer residence, Crystal Court addition; cost about \$10,000; Sanders & Ginocchio, Archts., 201 Hall Bldg.\*

Fla., Jacksonville—E. R. Allen erect \$20,000 residence, King St. near Park St.; 1 story, brick; R. H. Gates, Contr., 412 W.

Fia., Jacksonville—J. Safer, 149 W. Third t., erect 2 frame dwellings, Boulevard near lighth St.; 2 stories; total cost \$12,000; C. Harris, Contr., 220 W. 12th St.

Fla., Miami—L. P. Hagellund erect \$14,-500 building, N. W. 36th St. and Second Ave.; Emil Albjerg, Contr., 131 S. E. 13th St. Fla., Miami—Miller-Wight Realty Co., A. W. Miller, member, 1664 S. W. 13th St. erect two \$20,000 Spanish type dwellings, East Vedado; 2 stories, 8 rooms, 2-story garages. garages.

Fla., Ocala—Mrs. Jack Camp and Jack Camp, Jr., erect 2 stucco bungalows; contracts let.

Fla., Ocala—W. C. Ray erect \$15,000 residence, E. Fifth St.; brick and tile, slate roof, 2-car garage; Ray & Thomson, Contrs.

Fla., Panama City—A. A. Calhoun, Jr., erecting \$12,000 residence; Mr. Jansenius, Contr.

Fla., St. Petersburg—Geo. E. Roberts erect \$12,000 residence and garage, 18th Ave. N., Barnard division; 2 stories, 7 rooms; Roy D. Fisk, Contr., 208 Ninth St. N.

Fisk, Contr., 208 Ninth St. N.

Fla., West Palm Beach—J. Josey started work on \$10,000 residence, Washington Rd.; Spanish type, 2 stories.

Ga., Augusta—C. H. Phinizy erect \$27,000 residence, 2611 Walton Way; brick, 2 stories, 8 rooms, tile roof; Branch & Smith, Contrs. Ga.. Savannah—Mrs. J. H. Quint, 402 E. 44th St., started work on \$40,000 residence, 48th and Abercorn Sts.; brick, 2 stories, 35x56.6 ft., oak and tile floors, concrete foundation, slate roof, hot water heat; Walter P. Marshall, Archt., 307 Realty Bldg.; Frank Woollard, Contr., 505 E. 32nd St.\*

Ky., Paducah—Dr. W. E. Johnson erect residence, Vine St., West End.; 2 stories, Dutch Colonial type; G. Tandy Smith, Archt., both Guthrie Bldg.; Hester Andrews, Contr.

Md., Baltimore—Frank B. and Robt. A. Bready, Griffith and Dennis Aves., erect 19 brick dwellings, near Washington Blvd. and B. & O. R. R.; 2 stories, 15x39 ft., Carey roofs, hot-air heat; total cost \$47,500; F. E. Beall, Archt., 306 St. Paul St.; owner builds.\*

Md., Baltimore—Sidney T. Dyer, Garrett Ave., erect 25 dwellings and garages and 2 stores, Garrett Ave.; ordinary brick, 2 stories, 18x30 to 42 ft., hardwood floors, brick foundation, plastic slate roofs; total cost \$100,000: John L. Forsythe, Archt.; Atlas Construction Co., Contr., both 16 E. Lexington St. Address Contr.\*

Md., Baltimore—John F. Hemley, 1800 Bond St., erect 9 brick dwellings, S. side A bottson St., S. E. of Kennedy Ave.; 2 storie 14x40 ft., Carey roofs, furnace heat; tot cost \$18,000; plans and construction

Md., Baltimore—Homes Improvement Co. Peyton B. Strobel Co., Munsey Bldg., representative, erecting 2 dwellings, Fordham Ct. Ford's Lane, adjoining Maryland Country Club; 6 additional dwellings planned.

Md., Baltimore—L. J. Samuels. Munsey Bldg., erect 7 dwellings, S. E. cor. Ridgewood and Wabash Ave., and 8, W. side Daytona Ave. S. of Ridgewood Ave.; 2 stories, 16x30 ft., brick, steam heat; total cost \$30,000; plans by owner; Superior Construction Co., Contr.

Md., Baltimore—Howard Lewis erect \$20, 000 brick residence, Roland Ave. near Melrose Ave.; 2½ stories, 27x41 ft., slate roof, vapor heat; plans and construction by owner Md., Baltimore—Rains Building Co. erect 3 frame dwellings, W. side Oakland Ave. S. of Gibbons Ave.; 1½ stories, 21x39 ft.; total cost \$12,000; A. Rains, Archt; owner builds.

Md., Baltimore—Rosebud Realty Co. erect 71 2-story, semi-detached, brick dwellings, N. side Rogers Ave. near Arbutus Ave.; 6 to 8 rooms and bath; various dimensions, hotair heat; total cost \$350,000; F. E. Beall, Archt., 306 St. Paul St.; owner builds.\*

Archt., 306 St. Paul St.; owner builds.\*

Md., Baltimore—John Schoenewolf, Baltimore and St. Paul Sts., let contract to L.

L. Chambers, Inc., 36th St. and Roland Ave., for \$38,000 brick residence and garage, Highfield St. and Underwood Rd.; 2½ stories, 52x47 ft. and 19x21 ft., slate roofs, vapor heat: Palmer, Willis & Lambdin, Archts., 513 N. Charles St.\*

Md., Baltimore—Thos E. Thompson, 14 E. Lexington St., erect \$10,000 frame residence and garage, South Ave. near Cross Country Blvd.; 2½ stories, 34x32 ft. and 20x20 ft., slate roofs, hot-water heat; F. E. Beal, Archt., 306 St. Paul St.; Philip Vizzini, Contr. 3904½ Boarman Ave.

Md., Baltimore—Wm. A. Boggs, Hammond

Md., Baltimore—Wm. A. Boggs, Hammond Apt., erect \$10,000 frame residence and garage, Elmwood Ave. near Sunny Lane; 2 stories, 30x40 ft. and 12x18 ft. slate roof; Fredk. Thomas. Archt., 726 E. 33d St.; C. W. Littleton & Son, Contr., 4313 Liberty Heights

Md., Baltimore—Chas. E. McPhail, 214 W. Henrietta St., erect \$30,000 residence, Charlcote Place; stone and terra cotta; Clyde N. & Nelson Friz. Archts., Lexington Bidg.; C. W. Littleton & Son, Contrs., 4313 Liberty Heights Ave.

Md., Baltimore—C. K. Wells, Jr., 3538 Old York Road, erect \$10,000 residence and garage, Turnbridge Road near Charles St.; 2½ stories, 20x3ł ft. and 20x20 ft. brick, slate roofs, hot water heat; J. W. Wolcott, Archt., 18 E. Lexington St.; owner builds.

Md., Baltimore—Rev. Peter Ainslie, Ten Hills, erect \$14,000 residence and garage, Hilton Rd., near Drury Lane; 2½ stories, 22x27 ft. and 18x19 ft., slate roof, hot-water heat; Herbert C. Aiken, Archt., 2101 N. Calvert St.; B. W. Minor, Contr., 224 W. Pratt St.

St.

Mo., Joplin—R. B. Jensen, Baxter Springs, erecting \$10,000 to \$12,000 residence, Jackson Ave. and Hampton Place.

Mo.. St. Louis — Karm-Gaffney-Hartney Real Estate Co., 301 Rialto Theater Bldg., E. J. Karm, Pres., erect number dwellings; Hiram Phipps, Archt, 4162 Castleman Ave.; Lutz Construction Co., Contr., 305 Rialto Theater Bldg.

Theater Bldg.

N. C., Asheville—Chas. E. Hughes, 66
Broadway, erect \$12,000 Colonial residence,
Beverly Hills; 11 rooms; Albert C. Wirth,
Archt.; ground broken.

N. C., Asheville—Z. B. Robinson, Contr.,
278 Hillside St., erect 5 dwellings, Beverly
Hills; cost \$8000 to \$12,000 each; 2 baths, 2car garages.

N. C., Greensboro—H. L. Hicks completed foundation for brick veneer residence, 615 Arlington St.; 2 stories, 34x48 ft., oak and B. & B. pine floors, composition roof; K. C. Benbow, 1504 Northfield St., general contract at \$11.440; 1-pipe steam heating, J. T. Lawson, Asheboro St.\*

N. C., Winston-Salem—J. B. Goslen, 222 Church St., let contract for 7-room English type residence, S. Church St.; Realty Bond Co., Contr.

Okla., Bartlesville—C. E. Martin erect \$10,000 residence; brick veneer, 1 story and basement, 35x63 ft.; Walter Everman, Archt.; day labor.

S. C., Greenwood-Joe Seal laid founda-tion for brick bungalow, S. Main St.

Tenn., Knoxville—R. W. Pitner, Sevier-ville Park, erect 4 frame dwellings, Rugby St.; 5 rooms; total cost \$12,000; work by owner.

Tenn., Memphis—Ideal Heating Co., 761 Madison St., has hot water heating contract for \$12.000 residence for Dr. J. F. Bigger, Columbian Mutual Trust Bldg.; electric work, Feltus Electric Co., 2292 Evelyn St.; plumbing, Conroy Plumbing Co., 1969 Young St.; plastering, A. G. Hopton, Holmes Ave.; painting, C. I. Hickey; brick work, H. G. Downing, 744 Lewis St.; S. G. Wilson, Contr., 1146 Minna Place. Memphis-Ideal Heating Co. Tenn ..

Tenn., Paris—S. J. Veltman, Paris, has heating and plumbing contract for \$125,000 First Natl. Bank Bidg.; 1 passenger elevator, Otis Elevator Co., 113 Fifth Ave. N.; electric work not let; Marr & Holman, Archts., 701 Stahlman Bldg., both Nashville; V. L. Nicholson Co., Contr., 102 W. Clinch Ave., Knoxville.\*

Ave., Knoxville.\*

Tex., Austin—Edmund Craven let contract at \$15,542 to Claude Traweek, 711 W. Seventh St., for brick veneer residence, Enfield addition; 2 stories, concrete foundation, oak and tile floors, plaster interior, wood shingle roof; Edwin C. Kreisle, Archt., Scarbrough Bldg.: John L. Martin, 410 Congress Ave., plumbing at \$1337, electric wiring \$413. sprinkler system \$668; to J. O. Buaas & Sons, 304 W. Fifth St., heating \$995, oil burner \$600.

sprinkler system \$008; to J. O. Budais sons, 304 W. Fifth St., heating \$995, oil burner \$600.

Tex., Corpus Christi—Richard King, 517 N. Broadway, let contract at \$32,500 to Summer-Sollitt Co., Natl. Bank Bldg, San Antonio, for brick and tile residence; 2 stories, 40x60 ft., oak floors, reinforced concrete, tile reof; John M. Marriott, Archt., 307 First Natl. Bank; Willard E. Simpson Co., Engrs., Natl. Bank of Commerce Bldg.; both San Antonio. See Machinery Wanted.\*

Tex., Houston—Dr. David Greer, 3717 Main St., erect \$24,000 residence, Crawford and Calumet Sts.; brick veneer, 7 rooms; Sam H. Dixon, Jr., Archt., 711 Highland St.; W. J. Goggan, Contr., Electric Bldg.

Tex., Houston—J. E. Jaeger, 4417 Main St., erect \$12,000 residence, 4507 Fannin St.; 2 stories, brick veneer; H. C. Vogt, Contr.\*

Tex., Houston—F. S. Price, 1453 Hall Pl., erecting \$25,000 residence, 1522 California St.; brick veneer, 2 stories.

Tex., San Antonio—R. A. Gregory, 13214 Broadway, let contract for \$25,000 residence. Bluebonnet Drive, Bluebonnet Hills, to W. C. Thrailkill, Builders Exchange Bldg.; Albaugh & Steinbomer, Archts., 900 Austin St.\*

Tex., San Antonio—H. J. Shearer, 2001 W. Summit St., let contract for \$30,000 residence, Mary Louise Drive, Bluebonnet Hills, to W. C. Thrailkill, Builders Exchange Bldg.; 2 stories: Albaugh & Steinbomer, Archts., 900 Austin St.\*

Tex., San Antonio—G. N. Shuffield, 303½ Commerce St., plans number dwellings, Crestholme Addition; first unit to total \$200,000; E. D. Pahlka in charge of construction.

Tex., San Antonio—H. H. Bryant, 232 W. Summitt Place, let contract at \$27,000 to W.

000; E. D. Pahlka in charge of construction.

Tex.. San Antonio—H. H. Bryant, 232 W. Summitt Place, let contract at \$27,000 to W. C. Thrailkill for brick veneer residence; 2 stories. 10 rooms; Adams & Adams, Archts., bcth Builders Exchange Bldg.\*

Tex., Sherman—W. S. Dorset let contract at \$9000 to Roy Mentzel for hollow tile and brick veneer residence; 1 story. 6 rooms; Clyce & Rolfe, Archts., 306 Commercial Bank Bldg.; plumbing, J. C. Korloth; wiring, Roberts Electric Co.\*

erts Electric Co.\*

Tex., Wichita Falls—S. B. Daniel, Staley Bldg., erect brick veneer residence; 2 storis, part basement, 8 rooms; Voelcker & Dixon, Archts., 4 ahn Bldg.; J. D. Stephens, gencontract at \$18,139; heating, Moncrief Furnace & Manufacturing Co.. 3903 Main St., Dallas, \$600; plumbing, J. C. Korioth, \$1961; wiring, W. R. Eshner, \$818; painting, Theo. Beck, \$2135.

Va., Petersburg—Herbert Lightfoot erect \$10.000 residence, Tuckahoe and Berkeley Ave., Walnut Hill; H. W. Nunnally, Contr.

#### Hospitals, Sanitariums, Etc.

D. C., Washington—War Dept. Office Constructing Quartermaster, Room 2236, Munitions Bidg.. let contract at \$105,000 for general excavation and changes in water. sewage and lighting systems at Walter Reed General Hospital to Geo. Wyne. 2525 Penn-yl-vania Ave., preparatory to building construction; total cost \$1,000,000 to \$1,200,000.\*

Fla., St. Petersburg—Faith Hospital, Dr Walter Wyle, Supt., erect \$10,000 nurses home, 11th St. N. near Fifth Ave.; 2 stories 29x60 ft., 24 rooms; Oliver Le May, Contr.

29x60 ft., 24 rooms; Oliver Le May, Contr.

Tenn., Murfreesboro—Commonwealth Fund.
1 E. 57th St., New York, S. B. Christy,
Chmn., Local Comm., let contract to Foster
& Creighton. Fourth and First Bidg., Nashtille, for \$110,000 hospital; Berlin & Swern,
Archts., 19 S. LaSalle St., Chicago, Ill.\*

Tex., El Paso—Dr. Asa Brunson, Caples
Bidg., remodeling building, Laurel and Grandview Sts., for tuberculosis sanatorium; stone.
3 stories, metal tile roof, co-t \$45,000; Trost
& Trost, Archts., Two Republics Bidg.; Anderson Bros., Contrs., Box 13; heating, Elliott
Engineering Co., Feder Bidg.; electric work,
B. P. Dubinski, 1919 E. Yandell Blvd.;
plumbing, F. H. Dougherty, 2916 Grant St.;
1 elevator, Otis Elevator Co., Caples Bidg.\*

#### Hotels and Apartments

Hotels and Apartments

Ala., Birmingham—D. O. Whilldin, Archt., 515 N. 21st St., let contract to Foster & Creighton Co., Fourth & First Bldg., Nashville, Tenn., for erection of \$1,500,000, 19-story and basement, steel construction with terra cotta exterior Thomas Jefferson Hotel, Second Ave. North and 17th St., for Union Realty Corp., Henry H. Cobb, Pres., 1713 ½ Second Ave. North; include heating plunt, laundry, electric motors, etc.; Pate Co., 2017 Fourth Ave. N., heating and plumbing; Mill & Mine Engineers, Inc., American Trust Bidg., electrical wiring; Otis Elevator Co., 1918 Morris Ave., elevators.\*

Ala., Birmingham—L. J. Morris, 1506 Winter Hill Circle, started work on 3-story, brick, 12-unit apartment house, Madison Ave. and 26th St.; refrigeration system, steam heat, hot and cold water.

Ala., Birmingham—Dr. W. S. Mims, Hunts-

Ala., Birmingham—Dr. W. S. Mims, Hunts-ville, Ala., started work on 3-story, 12-unit apartment house at Avalon and Mountain Aves.

Ark., Little Rock—Dr. Charles C. Reed. Bankers Trust Bidg., let contract to P. L. Johnson, 1700 Pine St., for three \$10,000, 2-story, brick vencer, 4-apartment houses, 901story, brick venee 5-9 McAlmont St.

Ark., Little Rock—Dr. Charles C. Reed. Bankers Trust Bldg., let contract to P. L. Johnson for three \$10,000 apartments, 901-5-9 McAlmont St.

 $\Lambda r k...$  Sheridan — W.  $\Lambda.$  Mingea erecting apartment house.

Fla., Fort Pierce — Dr. M. J. Burston. 14804 Rock Beach Blvd.. New York, erecting \$100.000, 120-room, Mediterranean style Ho tel Burston; first unit contain 65 rooms; John N. Sherwood, Archt.

Fla. Minmi—W. W. Luce and W. F. Borton of Electrical Equipment Co., 42 N. W. Fourth St., have plans by D. Leonard Halper and Lee Perry, 310 Realty Board Bldg., for Federal Apartment building, N. E. 77th Ter. and Fifth Ave.

Fig., St. Petersburg—Ray-Johnson Co. officials let contract to M. B. Welch, 709 Realty Arcade, for \$45.000, 16-suite apartment house, 12th Ave. and Oak St. North; masonry construction, stucco finish, ornamented by carved stone and fron grill work, Spanish tile flat roof; Lester Avery & Olin H. Round, Archts., 2 Roser Bldg.

Fla., Stuart—Warren, France, 6552

Fla. Stuart—Warren Frame, 6512 State St., Philadelphia, Pa., let contract to H. A. Pearson for apt, house in Bessey addition, to be built in four units; two buildings 3 stories, 60x100 ft., other two 2-stories, 60x70 ft.; at least 46 apartments; \$250,000.

Ky., Ashland—James J. Weiler & Sons, 202 Elm St., Huntington, W. Va., have contract for furnishing structural steel work for 3-story addition to Scott Hotel, 14th St. and Winchester Ave.; lower floor for stores, apartments above; designed by Payne & Kalter, Ashland.

ter, Ashland.

La., New Orleans—John F. White. 1723
Broadway, let contract to Robert H. Ketteringham, 1128 Jena St., for \$20,000 apartment house, Maple, Burthe, Audubon and
Broadway. Broadway.

Md., Frederick—Lloyd C. Culler has con-tract for addition to Potomac Edison Build-ing on West Patrick St., for 2 apartments. ing on

St. Louis-Jefferson D. Rouse and Kean, 2215 Richert Ave., erecting

2-story, stone and brick. 24x43-ft, tenements. 2137-41-3-7 Maury Ave.; \$41,500; stone foundations, hardwood flooring, tile roofing. equipment and furnishings cost \$1500; brick work, Kirby Reppell, 1044 Forest Ave.; millwork, Isme Schilling Sash & Door Co. 4217 Beck Ave.; lumber, Halekamp Lumber Co., 7400 Manchester Ave.; plumbing J. P. Fleming 4460 Gibson Ave.; Oliver J. Popp, Archt., Arcade Bldg.; owners build.\*

Arcade Bldg.; owners build.\*

Mo., St. Louis—Joyner Realty Co., 592-4
Arcade Bldg., erect \$800,000, 8-story, 188x137.6
ft. 160-family apartment building and 200car garage, Enright & Clara St.; concrete
foundation, built-up roof; Ravid R. Harison, Archt.; Harrison Kopman Construction Co., Contrs., both 592-4 Arcade Bldg.
(See Machinery Wanted—Tile; Flooring;
Metal Doors, Incinerators; Electric Refrigerators; Mail Chutes; Ventilators; Marble;
Cast Stone; Limestone; Terra Cotta Trim.)\*

Mo., St. Louis—Karm-Gaffney-Hartney Real Estate Co., E. J. Karm, Pres., 301 Rialto Theater Bldg., erecting several flats and homes; Hiram Phipps, Archt., 4162 Castleman Ave.; Lutz Construction Co., Contrs., 305 Rialto Theater Bldg.

N. C., Charlotte—D. E. Elliott, 207 Central Ave., let contract to C. A. Mullis, 302 Chad-wick Ave., for \$10,000, frame and brick ve-neer, 12-room apartment house, 8 Central

N. C., Charlotte—J. A. Jones Construction Co., 800 Realty Bldg., let following sub-contracts on \$400,000. 9-story, 155x56 ft., 208-room, 64-suite Addison Apartments, E. Morehead and McDowell Sts.: J. A. Haley & Sons, 305 W. Fifth St., plumbing at about \$30,000; C. W. Christian, Myers Park, heating, \$20,000; B. F. Withers, 202 S. College St., furnish light-face brick for outer walls.\*

St., furnish light-face brick for outer walls.\*
N. C., Sedgefield—Sedgefield Country Club,
Sedgefield, Inc., recently entered agreement
with Centinental Hotels Co., F. H. Anderson,
Pres., 25 West 43d St., New York, for operation of \$400.000, brick and frame hotels and
country club building; English Inn style.
Address equipment proposals to Continental
Leland Corp.; Shelco Engineering & Construction Co., Contrs.; both 25 West 43d
St., New York; Nathan Harris, Archt., Newark, N. J. (See Machinery Wanted.)\*
S. C., Spartanburg — W. T. Overstreet.

S. C., Spartanburg — W. T. Overstreet. wner of Skyuka Hotel, on Tryon Mountain.

renovating.

Tenn., Chattanooga—J. S. and F. S. La
Perry erecting \$40,000 apartment house on
Gifford St. between Rossville Ave. and 23rd

Tex., Edinburg—C. D. Robb, 506 Taylor St., Fort Worth, let contract to San Antonio Construction Co., Builders Exchange Bldg.. San Antonio, for \$125.000. 4-story, concret frame, brick and hollow tile, L-shaped. 94x 86.6-ft. hotel building; composition roof, 7.5 rooms: Page Brothers, Archts., Austin Natl. Bank Bldg., Austin. \*\*

Tex., Hamlin—E. R. Burns and Mrs. E. H. Bates started work on \$20,000, 2-story, brick and concrete hotel building with day labor stores on first floor, 22 rooms above; private plans.

ans.
Tex., Houston—Florence Pearl Crow,
lason Bldg., erecting two \$16,000, 2-story
rick veneer apartment buildings, 918-20
eden Ave.; H. L. Bracey, Contr., 1640 Marshall St.

shall St.

Tex., Houston—Herbert J. Lieb & Co.
Public Natl. Bank Bidg., erecting \$35.000,
2-story, 38x80 ft., brick veneer and stucco
efficiency apartment building, 4205 Jack St.
hardwood floors, concrete foundation, equipment and furnishings cost \$5000; Charles P.
Jones & Co., Archts., Binz Bidg.; D. O.
Miller. Contr., 2011 Dunstan St. (See
Machinery Wanted—Flooring; Incinerators;
Electric Refrigerators.)\*

Tex. Kerrylile—Singleton & Wallace.

Electric Refrigerators.)\*

Tex., Kerrville—Singleton & Wallace, Houston. let contract to Walsh & Burney. 928 N. Flores St., San Antonio, at \$260,000. for 6 story and basement, concrete, frame and brick Blue Bonnett Hotel; terrazzo, concrete and hardwood floors, hollow and interior tile, built-up asphalt roof, metal doors, ornamental terra cotta; Paul G. Silber & Co. Archts., 331 Bedell Bldg., San Antonio.\*

Tex., Pharr—J. D. Hamilton let contract J. C. Vandehider, McAllen, for 21-room hotel building.

Va., Norfolk—Goodman & Camp let con-tract to J. H. Pierce, Law Bldg., for \$23,600. 2-family apartment house, 1216 Graydon Ave.

Va., Richmond—Davis Brothers, Inc., Contrs., 1716 Summit Ave., erecting \$75,000, 3-story apartment house, 3412 Monument Ave., for Richmond Apartment Corp.; brick foundation, concrete and oak floors, composition roof, electric refrigeration; L. Otis Spiers, Archt., 1716 Summit Ave.\*

#### Miscellaneous

Miscellaneous

D. C., Washington — R. P. Whitty Co. Union Trust Bidg., has contract for erection of \$200.000, 2-story and basement, fireproof. 110x160-ft. St. Joseph's Orphan Home and School, Eastern and Rhode Island Aves., after plans by Milburn, Heister & Co., Union Savings Bank Bidg.; slate roof, tile, terrazzo and composition floors, brick and stone foundation, hollow tile, metal doors, incinerators, electric refrigerators, rolling partitions, marble and limestone; equipment and furnishings cost \$50.000; Henry W. Sohon. Union Trust Bidg., Chmn., Building Committee.\*

N. C., Charlotte—Thompson Orphanage, W. H. Wheeler, Supt., let contract to Warren Mobley, 1516 E. Fourth St., for \$40,000, orlek and limestone, 2-story administration building; on first floor will be administrative offices, library and kindergarten, with auditorium and gymnasium; assembly hall and workrooms for Boy and Girl Scouts above, also sewing and domestic science rooms; M. R. Marsh, Archt., Latta Arcade.\*

#### Railway Stations, Sheds, Etc.

Fla., Orlando—Atlantic Coast Line Rwy. Co. let contract to W. T. Hadlow, Baldwin Bldg., Jacksonville, for 58x640 ft., part 2 story, brick, stucco, stone-trimmed passenger station, Sligh Blvd. and Columbia Ave.; tile floors, built-up and tile roof, concrete foundation; plans and specifications by A. M. Griffin, Engr. of Buildings, Wilmington, N. C.\*

La., Opelousas—Texas & Pacific Rwy. Co.. E. F. Mitchell, Ch. Engr., Dallas, Tex., started work on \$15,000 station. Miss., Biloxi—Louisville & Nashville Rail-road Co., W. H. Courtney, Ch. Engr., Louis-ville, Ky., erecting \$19,750 brick freight

#### Schools

Ala., Birmingham—Jefferson County Board of Education let contract to L. C. Ellison, 1545 29th St. at \$37,246, for 8-room high school at Warrior also let contract to Mason & Dulion, at \$836, for installation of heating system in 3 rooms at Shades-Cahaba High School.

School.

Ala., Birmingham—Board of Education, D. E. McKinley, Bus. Mgr., let contract to Miller Brothers, 2024 Fourth Ave. N., at \$75,806, for 3 story, reinforced concrete frame Pratt City School; hollow and interior tile, pine and composition floors; Birmingham Equipment Co., 605 N. 19th St., heating and plumbing, at \$20,185; Wilcox Electric Co., 2017 First Ave. N., electric wiring, \$2820; Wm. B. Ittner, Asso. Archt.. Board of Education Bidg., St. Louis, Mo.; Miller & Martin, Archts., Title Guarantee Bidg.; I. A. Lewis, Engr.\*

Ala., Normal—Dr., John W. Abercrombie.

Bldg.; I. A. Lewis, Engr.\*

Ala., Normal—Dr. John W. Abercrombie. Executive Officer of State Board of Education, Montgomery, recently let contract to D. S. Brandon, Huntsville, at \$15,000, for 2 story brick and frame, 35x70-ft. dormitory at Agricultural & Mechanical Institute for Negroes; composition shingle roof, wood floors, concrete foundation. Address equipment proposals to T. R. Parker, Pres., Normal; plans by A. F. Dittmar, State Dept. of Education, Montgomery.\*

Ala., Warrior—See Ala., Birmingham.

Ala., Warrior—See Ala., Birmingham.
Ark., Hoxle—School Board, C. A. Bassett,
Sec., let contract to J. P. Williams, Newport,
for \$36,000, 2 story, brick school building;
James H. Bliss, Archt., A. O. U. W. Bldg..
Little Rock.\*

Little Rock.\*

Fla., Clearwater—Pinellas County Board of Public Instruction, R. S. Blanton, Supt., let contract to Eric T. Clauson for \$95,000 grade school building at Gulfport; J. L. Powers, heating plant, at \$4743; accepted preliminary sketch for first unit of proposed grade school at Belleair, cost \$50,000.

Fla., Coral Gables—Coral Gables Military Academy, Col. J. R. Williams, Pres., started work on \$33,000 unit at 27-35 Avenue Za-mora; Granada Construction Co., Contrs.\*

Ga., Waleska—Reinhardt College, R. K. Sharp, Pres., erecting 2 story, 100x60 ft., stone, Dobbs Vocational school building, with funds donated by Samuel C. Dobbs, Atlanta; T. J. Mitchell, Archt., Atlanta; students assisting in construction.

assisting in construction.

Md., Baltimore—Notre Dame of Maryland College, Charles St. and Homeland Ave., let contract to Henry A. Knott & Co., 2101 N. Calvert St., for \$400,000 to \$500,000, 3 story and basement, T-shaped, 300x160-ft. gymnasium building: provide individual showers and dressing rooms for 400 students, clubrooms, swimming pool, with galleries seating 500, auditorium seating 1400: Frank J. Baldwin, Archt., 328 N. Charles St.

Miss., Gulfport—Guif Park College let contract to Oden & Glenn, Hattiesburg, for 3 story, stucco dormitory unit; Gates Electrical Co., wiring; Biloxi Plumbing & Heating Co., Biloxi, plumbing and heating; N. W. Overstreet, Archt., Overstreet Bldg., Jackson. Miss., Hazlehurst—Board of Trustees, Hazlehurst School District, let contract to Currie & Corley, Raleigh, Miss., at \$22,975, for alterations and additions to school building; Electric Contracting Co., 157 E. Capitol St., Jackson, electric wiring, at \$1051; heating and plumbing to be let later; W. H. Lowe has contract for frame negro school at \$5910; J. M. Spain, Archt., 405-6 Millsaps Bldg., Jackson.\*

\$5310; J. M. Spain, Archt., 405-6 Millsaps Bidg., Jackson.\*

Miss., Magee—Board of Trustees of Magee Separate School District let contract to H. A. Polk, at \$12,560, for 1-story, 52x80 ft., brick school addition; yellow pine floors, concrete foundation, composition roof; J. M. Spain, Archt., 405-6 Millsaps Bidg., Jackson.\*

Miss., Raymond—E. G. Parrish Construction Co., Jackson. Tenn., let following contracts on \$123,900 Hinds County Agricultural High School: Heating, Fischer Heating Co., 367 Adams St., Memphis, \$22.841; julmbing. Warburton-Beacham Plumbing Co., Bailey Ave., Jackson, Miss., \$7078; electric wiring, Stuart C. Irby Co., 230 E. Capitol St., Jackson, \$2975; septic tank, Gen. Contrs., at \$515; radial brick chimney for boiler house, Alphons Custodis Chimney Constr. Co., 95 Nassau St., New York, \$2900.\*

N. C., Durham—Durham County Board of Education let contract to W. H. Gurley Co. for plumbing, and to Carolina Heating & Engineering Co., Holland St., for heating, \$42,700 Bragtown school.\*

N. C., High Point—T. Wingate Andrews, Sunt of Schools, opened bids for erecting

842,700 Bragtown school.\*

N. C. High Point—T. Wingate Andrews, Supt. of Schools, opened bids for erecting high school building after plans by Harry Barton, Archt., Jefferson Bldg., Greensboro; following low bidders: J. E. Beaman Construction Co., State Theater Bldg., Raleigh, 8459,750; W. W. Dick, 246 Bellemeade St., Greensboro, heating and ventilating, \$55,490; J. L. Griffin, 301 N. Elm St., Greensboro, electric equipment, \$17,500: Burlington Hardware Co., plumbing, \$28,765; all contracts let.\*

tracts let.\*

N. C., Lenoir—Caldwell County Board of Education, A. W. McIntosh, Supt., let contracts to P. L. Cox, Jonesboro, at \$27,367 and \$24,557, for erection of 10-room and auditorium school buildings at Kings Creek and Hudson; Burlington Hardware Co., Burlington, plumbing, at \$1265 each; J. L. Powers, Hendersonville, heating, at \$2820 and \$3780; Frankn B. Simpson, Archt., Masonic Temple Bidg., Raleigh.\*

sonic Temple Bldg., Raleigh.\*
S. C., Charleston—The Citadel, John P. Thomas. Chmn. Board of Visitors. let contract to Gallivan Building Co., Greenville, S. C., for erection of \$275,000, 200x200-ft. dormitory building; 4 stories with open interior court. hollow tile walls, wood joists and floors; Lockwood, Greene & Co., Archts. and Engrs., Andrews-Law Bldg., Spartanburg.\*

and Engrs., Andrews-Law Bidg., Spartanburg.\*

Tenn., Old Hickory—Boone Contracting Co., 201 Independent Life Bidg., let subcontract to L. M. Mongold, 172 Eighth Ave. N., for heating and plumbing, and to Cunningham Electric Co., 316 Church St., for wiring, \$100,000, 2 story and basement grade school; all Nashville.\*

Tex., Fort Worth—Board of Trustees Fort Worth Independent School District opened bids for erecting Arlington Heights Senior High School; K. H. Muse, 201 Rio Grande St., received contract at \$254,900; W. G. Clarkson & Co., Archts., 610-11 First Natl. Bank Bldg.\*

Tex., Vickery—Board of Education let contract to G. E. Shirley, 3007 Swiss Ave., Dallas, for 1 story and part basement, brick, stone and frame school building, at \$31,343; C. H. Leinbach, Archt., 605 Central Bank Bldg., Dallas.\*

Va., Farmville—State of Virginia erecting \$90,000, 3-story and basement, 42x100-ft., fireproof, brick, steel and concrete dormitory at State Teachers' College; hardwood floors concrete foundation. tin roof, equipment and furnishings cost \$12,000; Frye & Stone, Archts., MacBain Bldg.. Roanoke; Wiley & Wilson, Engrs., Peoples Natl. Bank Bldg., Lynchburg; Taylor Manufacturing Co., Contractors.\* tractors.\* Va., Ivanhoe—See Va., Wytheville.

Va., Williamsburg—College of William and Mary, Dr. J. A. C. Chandler, Pres., let con-tract to Harwood Construction Co., Patter-son and Roseneath Aves., Richmond, at \$202,000, for construction of William Barton Rogers memorial science hall; Charles M. Robinson, Archt., Times-Dispatch Bldg., Rich-mond.

wond.

Va., Wytheville—School Board let contract to Morris C. Miller, Christianburg, at \$30,000, for 1 and 2 story, 75x116-ft., brick school building; wood floors, built-up roof, concrete foundation; also has contract for school at Ivanhoe; plans by State Board of Education, Richmond; C. F. Sanders, Engr. (See Machinery Wanted—Ventilators.)\*

(See Machinery Wanted—Ventilators.)\*
W. Va., Bluefield—Board of Education.
Beaver Pond District, E. C. Wade, Sec., let
centract to H. A. Lucas for 4-story, 145x128ft. Ramsey Street Junior High School; composition roof and floors, concrete foundation; T. S. Badkins, heating and plumbing;
Burgess Electric Co., electric work; Garry
& Sheffey, Archts., First Natl. Bank Bldg.\*

#### Stores

Ala., Birmingham—H. U. Sims, First Natl. Bank Bldg., erecting \$150,000 2-story and basement, 75x110 ft., concrete, marble and terra cotta stores and ballroom. Second Ave. and 21st St.; tile and composition roof, terrazzo, maple and marble floors; Pate Co., 2017 Fourth Ave. N., heating and plumbing; Reeves Marble Co., Citizens and Southern Bldg., Atlanta, Ga., marble; Ingalls Iron Works, 720 Ave. D. structural steel; D. O. Whilldin, Archt., 517 N. 21st St.; the Davis Co., Contrs., Box 645, Ensley. (See Machinery Wanted—Flooring; Ornamental Iiron.)\*
Ark., Mountain Home—Will Baker started work on store building, west side of square. Fla., Jacksonville—Mrs. O. B. Singletary.

work on store building, west side of square.
Fla., Jacksonville—Mrs. O. B. Singletary,
1757 College St., erecting \$25,000, 2 story.
47x64-ft., 3-store and 4-apartment building.
College and Stockton Sts.; cement, tile and
oak floors; H. C. Doger, Archt.; Vernon
Rensburger, Contr., 3505 St. Johns Ave.
[See Machinery Wanted—Flooring (Tile);
Rolling Partitions.]\*

Fla., Miami—Dr. S. D. W. Light, Calumet
Bldg., erect 3 stores, N. E. Second Ave.:
\$13,000, 60x60 ft.; Knight Construction Co.,
Contrs., 3505 N. E. Second Ave.
Fla., Miami—J. T. Burns erect \$15,000

Fla., Miami—J. T. Burns erect \$15,000 group of stores at S. W. Seventh St. and 12th Ave.; J. T. Gault. Archt., Commercial Arcade; LaFond Construction Co., Contrs.

Arcade; LaFond Construction Co., Contrs., Fla., Miami Beach—Building Department of Normandy Beach Properties Corp. announced immediate construction of \$15,000, 40x80 ft., Spanish type, concrete block with stucco finish commercial building on Isle of Normandy; Harry W. Johnson, Supt. of Construction on island.

Ky., Ashland—James J. Weiler & Sons. 702 Elm St., Huntington, W. Va., have contract for steel work for store and apartment building. Winchester Ave. between 12th and 13th Sts., for L. C. Lichliter.

La., Ferriday-Brocato & Johnson erecting brick stores on Front St., in block recently burned.

La., New Orleans—Mrs. A. Palmisano let contract to J. N. Clements for \$15,000 store and dwelling, Colapissa, Fern, Carrollton and Illinois Central Railroad right-of-way. Miss., Rome—J. D. Salmon erecting 3 busi-ness buildings.

Miss., McComb—S. J. Serio, Canal and S. Front Sts., erecting second story to 50x80 ft. brick building for residence; Howard Ryan, Archt., Summit; A. Wennuland, Engr. Address Owner. See Machinery Wanted.\*

Address Owner. See Machinery Wanted.\*

Miss., Tupelo — Morrison-Rhinehart Grocery Co. of Tupelo. Troy St., started work on \$15,000, 2-story, S0x110-ft. brick wholesale house. Troy and Front Sts.; concrete floors and foundation, metal roof; A. C. Finley, Engr.; Mr. Hindsman, Archt.; work by day labor under W. F. Nichols, foreman, Corinth. (See Machinery Wanted—Steel Sash and Trim; Rolling Partitions; Vaults and Vault Lights; Sprinklers.)\*

Mo., St. Louis—L. B. Price, Chemical Bldg., let contract to Kenton Construction Co., Wainwright Bldg., for \$30,000, 1-story, 134x50 ft., brick, mercantile building, 4702 Olive and 519 Walton Sts.; concrete roof,

steam heat; Russell & Crowell, Archts., Chemical Bldg.

Mo., St. Louis—F. Sanders, 2001 Destrehan St., let contract to H. Kissels Sons, 4107 W. Florissant St., for \$10,000, 2-story, 27x45 ft. store and dwelling, 3501-3 N. 20th St.; gravel roof, steam heat.

roof, steam heat.

N. C., Wilmington—Efird's Store, C. L.
Efird, Mgr., N. Front St., expending \$30,000
for improvements to Front and Grace St.
store; include mahogany fixtures, wall and
show cases and tables, repaint and redorate, etc.; H. M. Wade Manufacturing Co.,
S. Graham St., Charlotte, furnishing fixtures,

S. Graham St., Charlotte, furnishing fixtures,
La., New Orleans—Mrs. A. Palmisano
rect \$15,000 store and residence, Fern and
Colapissa Sts.; J. N. Clements, Contr.
N. C., Madison—B. R. Wall erecting 42x70
ft. brick store building.
Tenn., Kingsport—Dr. O. S. Haulk and 1
M. Fuller erecting 1-story, 25x80-ft. business
building, Cherokee and Market Sts.; Jones
& Wexler, Contrs.; also contemplates erecting 2 more buildings on Cherokee St.
Tenn., Memphis—M. Alperin, 15 S. Third

Tenn., Memphis—M. Alperin, 15 S. Third St., erecting 2-story, 50x128 ft. building, Hernando St.; Hanker & Cairns, Archts.; Eugene Scott, Contr., 1021 Joseph Pl.

Tex., Colorado—Whipkey & Price let contract to J. E. Pond for 1 story, brick and stone, 4-store building.

Tex.. Colorado—Colorado National Bank let contract to J. M. Morgan Construction Co.. Big Spring, for \$40,000, 2-story annex; first floor contain store apartments, 11 office suites above.

suites above.

Tex., Livingston—Carl Bergman, Corrigan, let contract to R. B. Shearer, Lufkin, at \$16,000, for 1-story, brick and tile, semi-fireproof, 109x54 ft. stores building; asphalt roof, cement floors, concret foundation, equipmnt and furnishings, cost \$4000; John McLeiland, Archt., 605 West Bidg., Houston.\*

Tex., Weslaco—W. H. Matar let contract to Kirk Summers for 1-story, brick business building.

#### Theaters

Fla. Miami Beach—Smith Co., Inc., Hotel Warrin, Miami Beach, erecting \$200,000, fire-proof, 100x200 ft. Biscayne Plaza Theater, Biscayne and Collins Aves.; concrete foundation, cement and rubber floors, built-uproof, \$15,000 pipe organ, interior finish of stucco plaster; George E. T. Wells, Archt., 708 Exchange Bldg.; E. A. Sturhman, Engr., Central Arcade Bldg.; Donathan Building Co., Contrs., Townley Bldg.; all Miami.\*

Co., Contrs., Townley Bldg.; all Miami.\*

Md., Frederick—Mayor Lloyd C. Culler and Board of Aldermen let contract to John I. Vendergrift, Cumberland, at \$30.899, for alterations to City Opera House; includes renedeling interior, new seating, improvement of heating plant; Rodieer & Kundziin, Archts.. 1707 Eye St. N. W., Washington, D. C.\*

Tenn., Chattanooga—Rialto Theater, Market St., expending \$10,000 for repairs and remodeling.

.. Knoxville—J. R. Williams, Holston Bldg., erecting \$10,000 motion-picture and store at Burlington. Tenn., K

#### Warehouses

Warehouses

Fla., Sarasota—Seaboard Terminal Co. reported let contract to Northern Construction Co. for \$15,000, hollow tile warehouse, Eighth St. and Lemon Ave.

Mo. St. Louis—T. P. Saum, 617½ Chestnut St., erect \$15,000, 1-story, 150x71 ft., brick warehouse, 790-8 Aubert St.; composition roof; Hanneuster Stevens, Archt.-Builder, 8471 Lackland St.

Tenn., Memphis—W. W. Wessell, 1884 Overton Park Ave., has contract for \$40,000 warehouse at 313 S. Front St., for W. E. Stansberry.

warehouse at 313 S. Front St., for W. E. Stansberry.
Tex., Houston—Damon Wells Co., 827 Chronicle Bldg., let contract to P. M. Davis. 4320 Maple Ave., for \$65,000, brick and reinforced concrete warehouse, Leeland and Rice Sts.; also erecting \$150,000 warehouse at Bernard and St. Joseph Sts.
Va., Norfolk—Norfolk Warehouse Corp., 704 Front St., has permits for two brick storage warehouses on Front St., Atlantic City cost \$60,000 and \$70,000; work by company's forces.

### MACHINERY, PROPOSALS AND SUPPLIES WANTED

Alleys.—Baltimore, Md. See Construction News—Roads, Streets, Paving.

Alleys.—Washington, D. C. See Construc-tion News—Roads, Streets, Paving.

Ambulance.—The Emergency & Clinic Hos-pital, Post-Dispatch Bldg., Houston, Tex.— Wants prices on ambulance.

Auger Bits, etc.-U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids May 17 for 108 expansion auger bits, different dimensions; 12 smooth planes, Bailey No. 4, or equal.

Axes .- W. B. Ray & Co., Chaddick Bldg.,

Corpus Christi, Tex.-Wants axes for development of 8000 acres.

Bodies and Trailers.—F. J. McGuire, Durham, N. C.—Wants bodies and trailers for hauling wet concrete, sand and gravel.

Boller.—Treasury Dept., Supvg. Architect's Office, Washington, D. C.—Receives bids

June 7 to remove present boiler, furnish and install new portable, smokeless firebox heating boiler, etc., at U. S. Post Office and Courthouse at Paducah, Ky.

Boxes (Wooden).—Italian Mercantile Grocery & Manufacturing Co., Inc., 5225-27 Bischoff Ave., St. Louis, Mo.—Wants data and prices on wooden boxes; correspond with manufacturers.

Bridge.—Little Rock, Ark. See Conston News-Bridges, Culverts, Viaducts.

Bridge.—Wichita Falls, Tex. See Con-truction News—Bridges, Culverts, Viaducts.

Bridge.—State of South Carolina. See onstruction News—Roads, Streets, Paving. Bridge.—State of West Virginia will build bridges. See Construction News—Roads, treets, Paving.

Bridge, etc.—Charleston, S. C., will build bridges. See Construction News—Bridges, ulverts, Viaducts.

Candy-Making Molds.—Sweetwater Candy Co., Thomson, Ga.—Wants prices on molds for making candy; correspond with manu-

Carbon Paper.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Rec-eives bids May 15 for 160 rolls carbon paper, in rolls of 75 ft.; for use on Elliott-Fisher

Cars (Side Dump).—Highland Park Sand Co., Inc., 1604 Grove Ave., Richmond, Va.— Wants prices on second-hand 4-yd. side dump cars.

Cars (Steel).—Interstate Rock & Crusher Co., Waldo Bank Bldg., Kansas City, Mo.—Wants steel cars for hauling rock.

Cast Stone.—Felch & Southwell, Archts., 105½ Zack St., Tampa, Fla.—Want prices on cast stone for \$225,000 community hotel at Falmetto.

Cast Stone.—DaCamara-Chace Construc-tion Co., P. O. Box 186, West Palm Beach, Fla.—Wants prices on cast stone for \$40,000 dwelling.

Cast Stone.—Emmett Nicholson, ort, Fla.—Wants prices on cast st

Cast Stone.—David R. Harrison, Archt., 502-4 Arcade Bldg., St. Louis, Mo.—Wants prices on cast stone for \$800,000, S-story, 160-family apartment building.

Cast Stone - John M. Marriott, 307 First Natl. Bank. San Antonia, Tex. - Wants prices on cast stone.

Church Furnishings, etc.—Robt. L. Harris, 516 N. Charles St., Baltimore, Md.—Wants prices on equipment, etc., for \$25,000 Methodist Protestant church and Sunday school, Sunshine, Md.

Church Furnishings, etc.—W. G. Smith, Alderson, W. Va.—Wants prices on equipment, etc., \$7500, for Presbyterian church.

etc., \$7500, for Freebyterian church.
Church Furnishings, etc.—C. F. Fluhrer,
Chmn. Bldg. Comm., First Baptist Church,
Cape Girardeau, Mo.—Wants prices on
equipment, etc., for \$110,000 church.
Church Furnishings, etc.—H. P. Jacobs,
1806 Cedar St., Nashville, Tenn.—wants
prices on equipment, etc., for \$25,000 3story church.

Church Furnishings, etc.—Rev. J. A. Rodg-s, pastor, Cumberland Presbyterian Church, lney, Tex.—Wants prices on equipment, etc., Olney, Tex.—Wants for \$25,000 church.

for \$25,000 church.

Coal.—Executive Committee, Board of Education. Hume-Fogg High School Bildg., Nashville, Tenn.—Receives bids May 24 to furnish screen lump, run of mine, pea, and slack coal for use in city public schools for one year beginning July 1, 1926.

Coil Springs.—Grubstake Investment Assn. W. M. Stephenson, 615 National Bank of Commerce Bildg., San Antonio, Tex.—Wants to purchase extra stout springs, about 2½-in. dlam, and from 2 to 3 ft. long, to be used for guying oil well derricks.

Concrete Products Molds.—W. A. Watson, Box 1195, Route 4, Coral Gables, Miami, Fia.—Wants iron molds or forms for casting concrete window sills, etc.; correspond with manufacturers.

Concrete Tank .- See Filtration Plant.

Concrete Tank.—see Filtration Final.

Cookery Supplies, etc.—Board of Awards,
F. A. Dolfield. City Register, Baltimore, Md.

—Receives bids May 19 for foods and cookery supplies for Dept. of Education; John H. Roche, Sec. Board of Education.

Corrugated Paper Box Machinery.—S. C. Foutty, Mgr., Parkersburg Corrugated Box Co., Parkersburg, W. Va.—Wants prices on machinery for manufacture of corrugated

Crane (Locomotive). — Taylor-Parker Co., Water and Commercial Place, Norfolk, Va.— Wants locomotive crane, standard gauge, 15-ten capacity, 40 to 50 ft. boom, for lifting and transporting only; no bucket required; on rental basis with view to buying.

Ditching Machine.—F. J. McGuire, ham, N. C.—Wants machine to dit-curb on city streets.

Doors (Metal).—J. C. Heitzman, 1880 rinceton Drive, Louisville, Ky.—Wants rices on metal doors for bakery.

Drag Line Bucket.—Geo. E. Dunan, Box 1494, Bradenton, Fla.—Wants scraper drag line buckets for brick plant.

Dragline Excavator.—Walton Sudduth Co. Bluefield, W. Va.—Wants ½-yd. dragline cable-way excavator complete.

Drainage.—H. L. Washburn, Harris County Auditor, Drainage Dist. No. 6, Houston, Tex.—Receives bids May 17 to deepen and widen Hunting Bayou; Howe & Wise, Engrs., First Natl. Bank Bldg., Houston.

Drainage.—Board of Supvrs. of the Mana-pe Valley Drainage Dist., G. B. Knowles, irst Natl. Bank Bldg., Bradenton, Fla.— eccives bids May 31 to construct main lat-rals and other work set out in Plan of eclamation; estimated yardage 392,374 cu. ds.; McElroy Engineering Co., Ch. Engrs., ampa. Fla.

Dredging .- See Miscellaneous Construction.

Drug Fixtures.—The Emergency & Clinic Hospital, Post-Dispatch Bidg., Houston. Tex.—Wants prices on drug fixtures.

Dumb Waiters.—Shelco Construction Co...
25 West 43d St., New York—Wants prices on dumb waiters for \$400,000 hotel at Sedgefield, N. C.

Heitzman, 1880 Dumb Waiters.—J. C. Heitzman, 1885 Princeton Drive, Louisville, Ky.—Wants prices on dumb waiters for dwelling and

Egg Boilers.—U. S. Veterans' Bureau, Sup-ly Division, Washington, D. C.—Receives ds June 2 for egg boilers.

Electric Refrigerators.—Emmett Nicholson Davenport, Fla.—Wants prices on electric refrigerators.

Electric Befrigerators.—Herbert J. Leib & Co.. Public Natl. Bank Bldg., Houston, Tex.—Wants prices and data on electric refrigerators for \$40,000, 2-story apartment house

Electric Refrigerators.—S. J. Serio, Canal and S. Front Sts., McComb, Miss.—Wants prices on electric refrigerator for residence.

Electric Refrigerators.—David R. Harrison Archt., 592-4 Arcade Bldg., St. Louis, Mo.— Wants prices on electric refrigerators for \$800,000, 8-story, 160-family apartment build

Electric Refrigerators.—Wm. Leslie Welton 19th floor American Trust Bldg., Birming-ham, Ala.—Wants prices on electric refrig erators for dwellings.

Electric Refrigerators. — Norman C. Edards, 205 Hendricks Ave., South Jackson-ille, Fla.—Wants prices on electric refrigators for \$10,000 residence.

Electric Toasters.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids for 3 electric toasters, 16 slice, even type; to operate 110 volts, A. C., 60 cycle, single phase; Edison Electric Appliance Co.'s No. 433-T-6 or equal.

Electric Wiring.—K. C. Benbow, 150 Northfield St., Greensboro, N. C.—Wants sub bids on electric wiring for dwelling.

Electric Wiring.—Shelco Construction Co.. 25 West 43d St., New York—Wants prices on electric wiring for \$400,000 hotel at Sedge-field, N. C.

Electrical Equipment.—City of Baltimore, Md., V. Bernard Siems, Water Engr.—Receives bids May 19 for electrical equipment for substation at Hillen Pumping Station.

Enameling Plant.—John W. Guinn, Pre Guinn Sign Co., LaGrange, Ga.—Wants da and prices on enameling plant to enam metal signs; correspond with manufacturer

Filtration Plant.—City of Tryon, N. C., W. S. Green. Mayor—Receives bids June 3 for construction of 1.000,000-gal. filter plant, 3½ miles of 8-in. raw water main, concrete wash water tank and distribution mains; the Harwood Beebe Co., Engrs., Spartanburg, S. C.

Flooring.—Geo. L. Wertz, 915 E. Brockett t., Sherman, Tex.—Wants prices on hard-cood flooring.

Flooring.—Felch & Southwell, Ar 105½ Zack St., Tampa, Fla.—Wants 1 on tile, terrazzo and concrete flooring \$225,000 community hotel at Palmetto.

Flooring.—Board of Awards, F. A. Dolfield, City Register, Baltimore, Md.—Receives bids May 19 for new wood floor at Eastern High School, North Ave. and Broadway; C. H. Osborne, Chief, Bureau of Bldgs.

Flooring .- Weaver & McMillan, Chesnee,

N. C .- Want prices on tile and linoleum flooring.

Flooring.—Shelco Construction Co., 25 W. 43d St., New York—Wants prices on tile. terrazzo, hardwood and linoleum flooring for \$400,000 hotel at Sedgefield, N. C.

Flooring. — DaCamara-Chace Construction o., P. O. Box 186, West Palm Beach, Fla.— Vants prices on tile and terrazzo flooring or \$40,000 dwelling.

Flooring.—Joseph & Joseph, Francis Bldg. Louisville, Ky.—Wants prices on tile and terrazzo flooring for \$200,000 lodge building, Paducah, Ky.

Flooring.—Emmett Nicholson, Davenport la.—Wants prices on tile, terrazzo, hard ood, linoleum, rubber tile and composition

Flooring.—Rev. U. S. Turnipseed, Pasto M. E. Church, South, Ozark, Ala.—Want prices on hardwood, linoleum, rubber til and composition flooring for \$50,000 to \$60, 000 church.

Flooring.—Wm. Leslie Welton, 19 floo American Trust Bldg., Birmingham, Ala.— Wants prices on marble, hardwood and rub ber tile flooring.

ber tile flooring.

Flooring.—K. C. Benbow, 1504 Northfield St., Greensboro, N. C.—Wants prices on Lardwood flooring for dwelling.

Flooring.—David R. Harrison, Archt. 592-4 Arcade Bldg., St. Louis, Mo.—Want prices on tile, concrete, hardwood, rubbe tile and composition flooring for \$800,000, 8 story, 160-family apartment building.

Flooring.—Herbert J. Leib & Co., Publi Natl. Bank Bldg., Houston, Tex.—Want prices on linoleum and rubber tile floorin for \$40,000, 2-story apartment building.

Flooring.—The Davis Co., Contrs., Box 645

Flooring.—The Davis Co., Contrs., Box 645 Ensley, Ala.—Wants prices on hardwood and linoleum flooring for \$150,000 stores and ballroom.

Flooring.—Frank McFall, Pickens, S. C.—Wants prices on tile and hardwood flooring for \$50,000 hotel.

Flooring.—Robt. L. Harris, 516 N. Charles St., Baltimore, Md.—Wants prices on tile flooring for \$25,000 church, Sunshine, Md. Flooring.—S. J. Serlo, Canal and S. Front Sts., McComb, Miss.—Wants prices on hardwood and linoleum flooring for residence.

Flooring.—Seymour Van Os, City Bank Bldg., Shreveport, La.—Wants prices on hardwood and linoleum flooring for dwell-

Flooring.—John M. Marriott, 307 First Natl. Bank, San Antonio, Tex.— Wants prices on hardwood and rubber-tile floor-ing.

Flooring.—A. Bentley & Sons Co., 616 At-lentic Natl. Bank Bldg., Jacksonville, Fla.— Wants prices on tile, terrazzo, linoleum. rubber tile and composition flooring for \$700,000 courthouse, Orlando, Fla.

Flooring (Composition).—Charles F. Law. Contr., 1245 Avenue E. Beaumont, Tex.— Wants prices on composition flooring for \$100,000 parochial school.

Flooring (Linoleum).—E. Ritter & Co., Marked Tree, Ark.—Wants prices on linoleum for \$15,000 store and office building.

Flooring (Tile).—Vernon Rensburger, Contractor. 3505 St. John's Ave., Jacksonville, Fla.—Wants prices on tile flooring for \$25,000 store and office building.

Furnaces .- See Heating Equipment.

Glass (Leaded).—W. G. Smith, Alderson, W. Va.—Wants prices on leaded glass for \$40,000 church.

S40,000 churen.

Gasoline, etc.—Martin County Commrs., H.

N. Gaines, Chrmn., Stuart, Fla.—Receives
bids June 1 for 100 drums gasoline and 250
gal. extra-heavy oil; E. H. Gibson, Engr.

Glove Fasteners.—Pryor & Brown Con-struction Co., Haines City, Fla.—Wants data and prices on glove fasteners used in the making of tire covers.

Granite.—A. Bentley & Sons Co., 616 At-lantic Natl. Bank Bldg., Jacksonville, Fla.— Wants prices on granite for \$700,000 court-house, Orlando, Fla.

Gravel.—State of Louisiana. See cruction News—Roads, Streets, Paving.

Gravel.—Louisiana Highway Comsn., Reymond Bldg., Batoa Rouge, La.—Receives bids May 18 to furnish approximately 3267 cu. yds. washed gravel and 6528 cu. yds. 40 per cent sand-clay gravel for State Proj. 512-A, Jefferson Davis Parish, Lake Charles-Lake Arthur Highway; W. B. Robert, State Highway Engr. Lake Arthur Hi Highway Engr.

Grubbing Hoes.—W. B. Gray & Co., Chaddick Bldg., Corpus Christl, Tex.—Wants grubbing hoes for development of 8000 acres. Guttering .- K. C. Benbow, 1504 North

ton Drive, Louisville, Ky.-Wants prices on mail chutes.

field St., Greensboro. N. C.—Wants sub-bids on guttering.

Hardware.—U. S. Veterans Bureau, Supply Division, Washington, D. C.—Receives bids May 18 for hardware including chest locks, box corners, etc.

Hardware.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids May 15 to furnish miscellaneous hardware; de-licery Quantico, Va. Sch. 598.

Heating.—Shelco Construction Co., 25 W. 43d St., New York—Want prices on heating \$400,000 hotel at Sedgefield, N. C.

Heating Equipment.—W. E. Toler, Paw-ee, Okla.—Wants catalogs and prices on eating equipment, including heating stoves, arnaces, etc.

Heating Plant.—Brandenburg Realty Co., W. A. Baskett, Pres., Brandenburg, Ky.— Wants data and prices on heating plant for 42x90 ft. auditorium.

Heating Plant.—Rev. S. U. Turnipseed Pastor M. E. Church, South, Ozark, Ala.— Wants prices on heating plant for \$50,000 to \$60,000 church.

Heating System.—Treasury Dept., Supvg. Architect's Office, Washington, D. C.—Receives blds June 10 for modification in heating system in U. S. post office and courthouse, New Orleans, La.

Hoist.—Hackley Morrison Co. (Mch. Deal-), 1708 Lewis St., Richmond, Va.—Wants drum skeleton hoist arranged for belt drum

Hoists.—Highland Park Sand Co., Inc., 1604 Grove Ave., Richmond, Va.—Wants prices on single-drum hoists, electric driven.

Holsting Engine.—Geo. E. Dunan, Bos 1494, Brandenton, Fla.—Wants hoisting en gine for brick plant.

Hospital Equipment.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids May 21 for sterilizers and special hospital equipment.

Ice Cream Cabinet.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives bids May 17 for ice cream cabinet for U. S. V. Hospital, Castle Point, N. Y.

Incinerators.—Emmett Nicholson, Daven port, Fla.—Wants prices on incinerators.

Incinerators.—David R. Harrison, Archt. 592-4 Arcade Bldg., St. Louis, Mo.—Want prices on incinerators for \$800,000, 8-story 160-family apartment building.

160-family apartment building.

Incinerators.—Herbert J. Leib & Co., Public Natl. Bank Bldg., Houston, Tex.—Want prices on incinerators for \$40,000, 2-story apartment house.

Insulin.—U. S. Veterans' Bureau, Supply Division, Washington, D. C.—Receives blds May 22 to furnish as needed during six months ending Dec. 31 insulin as follows: 56 unit packages in 5-c.c. containers, 100 unit packages in 5-c.c. containers and 200 unit packages in 5-c.c. containers.

Kerosene.—Marine Corps. Quartermaster's

unit packages in 5-c.c. containers.

Kerosene.—Marine Corps. Quartermaster's Dept., Washington, D. C.—Receives bids May 14 to furnish 14.000 gal. kerosene: delivery Hampton Roads, Va. Sch. No. 607.

Laboratory Equipment.—The Emergency Clinic & Hospital, Post-Dispatch Bidg., Houston, Tex.—Wants prices on laboratory equipment, including microspopes, etc.

Lamp' Post Fixtures.—District Commrs., Room 599, District Bidg., Washington, D. C.—Receive bids May 24 to furnish and deliver fixtures for top of lamp posts.

Laundry Machinery.—U. S. Veterans' Bur-

Laundry Machinery.—U. S. Veterans' Bureau, 'Supply Division, Washington, D. C.—Receives bids May 19 for laundry machinery, for U. S. V. Hospital, Helena, Mont; f. o. b. point of shipment.

Limestone.—Emmett Nicholson, Davenport Fla.—Wants prices on limestone.

Linestone.—Rev. S. U. Turnipseed, Pasto M. E. Church, South, Ozark, Ala.—Wants prices on limestone for \$50,000 to \$60,000 church.

Limestone.—David R. Harrison, Archt., 592-4 Arcade Bidg., St. Louis, Mo.—Wants prices on limestone for \$800,000, 8-story, 160-tamily apartment building.

Limestone.—A. Bentley & Sons Co., 616 Atlantic Natl. Bank Bidg., Jacksonville, Fla.—Wants prices on limestone for \$700,000 courthouse, Orlando, Fla.

Linoleum.—J. C. Heitzman, 1885 Princeton Drive, Louisville, Ky.—Wants prices on lin-cleum.

Limestone.—Frank McFall, Pickens. S. C. Wants prices on limestone for \$50,000 ho-

Lodge Furnishings, etc.—H. E. Hager, Mercedes, Tex.—Wants prices on equipment, etc., \$10,600, for Elks' clubhouse. Mail Chutes.—J. C. Heitzman, 1885 Prince-

Mail Chutes.—K. C. Benbow, 1504 North-field St., Greensboro, N. C.—Wants prices on mail chutes. Mail Chutes.—David R. Harrison, Archt., 592-4 Arcade Bldg., St. Louis, Ma.—Wants prices on mail chutes for \$800,000, 8-story. 160-family apartment building.

Marble.—Frank McFall, Pickens, S. C.—Wants prices on marble for \$50,000 hotel.

Marble.—Emmett Nicholson, Davenport, Fla.—Wants prices on marble.

Marble.—Felch & Southwell, Archts., 105½ ack St., Tampa, Fla.—Wants prices on mar-le for \$225,000 community hotel at Pal-

Marble.—Shelco Construction Co., 25 W. 43d St., New York—Wants prices on marble for \$400,000 hotel at Sedgefield, N. C.

Marble.—Rev. S. U. Turnipseed. Pastor, M. Church, South, Ozark, Ala.—Wants prices n marble for \$50,000 to \$60,000 church.

Marble.—Wm. Leslie Welton, 19th floor American Trust Bldg., Birmingham, Ala.— Wants prices on marble.

Marble.—David R. Harrison, Archt., 592-4 Arcade Bldg., St. Louis, Mo.—Wants prices on marble for \$800,000, 8-story, 160-family spartment building.

Marble.—A. Bentley & Sons Co., 616 Atlantic Natl. Bank Bldg., Jacksonville, Fla.—Wants prices on marble for \$700,000 courthouse, Orlando, Fla.

Marine Equipment.—Davenpot Marine Co. Emmett Nicholson, Davenport, Fla.—Wants catalogues, prices and data on marine equip-ment and boat material of every description, with view of representation.

Meat Slicer.—U. S. Veterans' Bureau, Supply Division, Washigton, D. C.—Receives bids June 3 for heavy-duty meat slicer.

Metal Cellings.—J. C. Heitzman, 1885
Princeton Drive, Louisville, Ky.—Wants
prices on metal cellings for bakery.

Metal Cellings.—Weaver & McMillan, Chesnee, N. C.—Wants prices on metal cellings.

Metal Cellings.—Frank McFall, Pickens, S. C.—Wants prices on metal cellings for \$50,000 hotel.

Metal Ceilings.—E. Ritter & Co., Marked Tree, Ark.—Wants prices on metal ceilings for \$15,000 store and office building.

Metal Doors, Sash and Trim.—Frank McFall, Pickens, S. C.—Wants prices on metal doors, steel sash and trim for \$50,000 hotel

Metal Doors, Sash and Trim.—Felch & Southwell, Archts., 105½ Zack St., Tampa, Fla.—Want prices on metal doors, steel sash and trim for \$225,000 community hotel at Palmetto.

Metal Doors, Sash and Trim.—Shelco Construction Co., 25 W. 43d St., New York—Wants prices on metal doors, steel sash and trim for \$400,000 hotel at Sedgefield, N. C.

Metal Doors.—David R. Harrison, Archt., 592-4 Arcade Bidg., St. Louis. Mo.—Wants prices on metal doors for \$700,000 courthouse, Orlando, Fla.

Metal Doors.—David R. Harrison, Archt., 592-4 Arcade Bidg., St. Louis. Mo.—Wants prices on metal doors for \$800,000, 8-story, 160-family apartment building.

Metal Doors.—Emmett Nicholson, Daven-ort, Fla.—Wants prices on metal doors.

Metal Sign Plant Equipment.—See Enam-eling Plant.

eling Plant.

Millwork.—Shelco Construction Co., 25 W.
43d St., New York.—Wants prices on millwork for \$400,000 hotel at Sedgefield, N. C.

Mineral Wool.—Marine Corps, Quartermaster's Dept., Washington, D. C. — Received bids May 10 to furnish 4500 lhs, mineral wool; delivery Quantico, Va. Sch. 596.

Mop-Making Machinery.—Squeez-Ezy Mop Co., 4810 Toulouse St., New Orleans, La.—Wants machinery for making mops; machine similar to that for making nets; correspond with manufacturers.

Motors.—R. S. Armstrong & Bro. Co.

Motors.—R. S. Armstrong & Bro. Co. (Mchy. Dealers), 676 Marietta St., Atlanta. Ga.—Wants 50 h. p. and 75 h. p. slip-ring motors.

motors. Motor Knife.—Pryor & Brown Construc-tion Co., Haines City, Fla.—Wants data and prices on motor knife to cut cloth used in making tire covers.

Motor Trucks.—Geo. E. Dunan, Box 1494, Bradenton, Fla.—Wants motor trucks for brick plant.

Motor Trucks.—Marine Corps, Quarter-master's Dept., Washington, D. C.—Receives bids May 26 to furnish and deliver 20 motor trucks, 1½-ton capacity. Sch. No. 602.

Mop Trucks.—U. S. Veterans' Bureau, Sup-ly Division, Washington, D. C.—Receives

bids May 20 for 3 mop trucks, 2-compartment; S. C. Lawler Co.'s F-304 or equal.

Motion Picture Machinery.—Brandenburg Realty Co., W. A. Baskett, Pres., Branden-burg, Ky.—Wants data and prices on motion picture machinery for 42x90 ft. auditorium.

Ornamental Iron.—The Davis Co., Contrs., ox 645, Ensley, Ala.—Wants sub-contract ids on ornamental iron for \$150,000 stores and ballroom.

Painting.—Shelco Construction Co., 25 W. 42d St., New York—Wants prices on painting \$400,000 hotel at Sedgefield, N. C.

Painting.—K. C. Benbow, 1504 Nothfield St., Greensboro, N. C.—Wants sub-bids on painting dwelling.

Patterns, etc.—Pryor & Brown Construc-on Co., Haines City Fla.—Wants data and tices on patterns and materials for making re covers.

Paving.—Cedar Grove, La. See tion News—Roads, Streets, Paving.

Pig Lead.—See Water Works.

Pipe (Cast Iron).—See Sewers.
Pipe (Cast Iron).—See Water Works.

Pipe (Concrete).—See Water Works.

Pipe (Concrete).—Alex M. Robinson (Mchy.
Dealer), Georgetown, Ky.—Wants dealer
prices on concrete pipe to comply with Kentucky State Roads specifications in 18 and
24 in. sizes.

Pipe (Concrete).—Town of Woodstock, Va. Receives alternate bids May 18 on concrete and vitrified clay sewer pipe; the Carolina Engineering Co., Engrs., Charlotte.

Pipe (Metal Corrugated).—Alex M. Robinson (Mchy. Dealer), Georgetown, Ky.—Wants prices on corrugated galvanized pipe in 12, 14, 18 and 24 in., to comply with Kentucky State Roads specification.

Pipe (Vitrified Clay) .- See Pipe (Concrete). Pipe (Vitrified Clay).—See Pipe (Concrete).

Planting Material.—U. S. Veterans' Bureau,
Supply Division, Washington, D. C.—Receives bids May 13 for planting material for
U. S. V. Hospital, Tupper Lake, N. Y., including evergreen trees, vines, shrubs and
herbaceous perennials.

Plastering.—Shelco Construction Co., 25 W.
43d St., New York.—Wants prices on plastering \$400,000 hotel ta Sedgefield, N. C.

Plaster Board.—Emmett Nicholson, Daven-ee, N. C.—Want prices on plaster board.

Plaster Board.—John M. Marriott, 307 First Natl. Bank, San Antonio, Tex.— Wants prices on plaster board.

Plaster Boards.—Emmett Nicholson, Davenport, Fla.—Wants prices on plaster board.

Plaster Board.—Rev. S. U. Turnipseed, Pastro, M. E. Church, South, Ozark, Ala.—Wants prices on plaster board for \$50,000 to \$60,000 church.

Pipe Organ.—Rev. S. U. Turnipseed, Pas-Fr. M. E. Church, South, Ozark, Ala.—Wants rices on pipe organ for \$50,000 to \$60,000 hurch.

Plumbing.—Shelco Construction Co., 25 W. 43d St., New York—Wants prices on plumbing \$400,000 hotel at Sedgefield, N. C. Plumbing and Heating.—Treasury Dept., Supvg. Architect's Office, Washington, D. C.—Receives bids June 8 for plumbing and heating repairs in U. S. Post Office and Custom House, Port Arthur, Tex.

Pulpit Furniture.—Rev. S. U. Turnipseed, Pastor, M. E. Church, South, Ozark, Ala.— Wants prices on pulpit furniture, etc., for \$50,000 to \$60,000 church.

Power Plant.—Director of Public Utilities, St. Louis, Mo.—Receives bids May 25 for furnishing tools, materials and labor for erection complete in place of foundations and substructure for power plant, Howard Bend water works.

Pump (Vacuum Steam).—Mallory Machinery Corp., 522 Light St., Baltimore, Md.—Wants vacuum steam pump to take care of 16,000 sq. ft. of radiation; must be good condition.

Radiators.—Mallory Machinery Corp., 522 Light St., Baltimore, Md.—Wants about 10,000 sq. ft. 3-column, 34, 36 or 38 in. high steam radiators.

Rails.—Interstate Rock & Crusher Co.. Waldo Bank Bldg., Kansas City. Mo.—Wants track and cars for hauling rock.

Ralls.—Highland Park Sand Co., Inc., 160 rove Ave., Richmond—Wants 45-lb. relay ing rails.

Ralls and Accessorles.—Roberts Construc-tion Co., Inc., 307 Camp St., New Orleans. La.—Wants prices on 2 mi. of 60-lb. relay rails, 3 mi. 75-lb. relay rails, 40-lb. 5-ft. frogs, forty 75-lb. split switches, 8 ft. 3 in.: ten No. 7 of 75-lb. split switches, 8 ft. long, rigid; 50 ground throw switch stands: 10 low target switch stands; one hundred 75-lb. guardrail clamps complete, 200 kegs of

5\%x9/16 in. spikes. 20 kegs of \%x4\% and 10 kegs of \%x3\% bolts.

Refrigerators.—U. S. Veterans' Supply Division, Washington, D. ceives bids June 7 for refrigerators. Veterans' Bure

Reinforced Concrete.—See Sewers.

Reinforcing Steel .- See Sewers.

Residence Furnishings, etc.—Geo. L. Wertz. 915 E. Brockett St., Sherman, Tex.—Wants prices on equipment, etc., for residence.

Residence Furnishings, etc. — Norman C. Edwards, 205 Hendricks Ave., South Jacksonville, Fla.—Wants prices on equipment, etc., for \$10.000 residence.

Road. - Jasper. Ala. See Construction ews-Roads, Streets, Paving.

News-Konds, Streets, Faving.

Road.—Galveston, Tex. See Construction
News-Roads, Streets, Paving.

Road.—Towson, Md., will improve 4 roads.
See Construction News-Roads, Streets, Paving.

Road.—Sanford, Fla. See Construction ews—Roads, Streets, Paving.

Road. — State of Maryland will build pads. See Construction News — Road roads. See Streets, Paving

Road.—Chester, S. C. See Construction News-Roads, Streets, Paving.

Road.—State of Louisiana will build 4 roads. See Construction News.—Roads. Streets, Paving.

Road.—State of Oklahoma will build 11 roads. See Construction News.—Roads, Streets, Paving.

Road.—State of Texas will build 2 roads. ee Construction News—Roads, Streets, Pav-

Road.—State of South Carolina will build roads. See Construction News — Roads,

Road.—State of South Carbon News—Roads, Streets, Paving.
Road.—State of West Virginia will build S roads. See Construction News—Roads, Streets, Paving.

Road.—State of Texas will build 3 roads. ee Construction News—Roads, Streets,

Road.—Groveton, Tex. See Construction News-Roads, Streets, Paving.

Road.—Houston, Tex., will improve roads. See Construction News — Roa Streets, Paving.

Road Machines.—W. B. Ray & Co., Chaddlek Bldg., Corpus Christi, Tex.—Wants read machines for development of 8000 acres.

Rolling Partitions. — Vernon Rensburger, ontr., 3505 St. John's Ave., Jacksonville, la.—Wants prices on rolling partitions for 5,000 store and apartment building.

Rolling Partitions.—A. Bentley & Sons Co., 616 Atlantic Natl. Bank Bldg., Jackson-ville, Fla.—Wants prices on rolling parti-tions for \$700,000 courthouse, Orlando, Fla.

Rolling Partitions.—W. F. Nichols, Conth, Miss.—Wants prices on rolling partions for \$15,000 wholesale building at rinth, titions Tupelo.

Rolling Partitions.—Robt. L. Harris, 516.
Charles St., Baltimore, Md.—Wants prices a rolling partitions for \$25,000 church, Sunine, Md.

Rolling Partitions. — Joseph & Joseph Francis Bldg., Louisville, Ky.—Want prices on rolling partitions for \$200,000 lodge build-ing, Paducah, Ky.

Rolling Partitions.—Rev. S. U. Turnipseed, Pastor, M. E. Church, South, Ozark, Ala.—Wants prices on rolling partions for \$50,000 to \$60,000 church.

Roofing.—Shelco Construction Co., 25 W. 43d St., New York.—Wants prices on roofing for \$400,000 hotel at Sedgefield, N. C.

School Supplies.—H. L. Mills, Business Mgr., Box 1228, Houston, Tex.—Receives bids May 14 for crayons, erasers, drawing papers, miscellaneous janitor's supplies for school term 1926-1927.

Seating.—Brandenburg Realty Co., W. A. Baskett, Pres., Brandenburg, Ky.—Wants prices on chairs for 42x90 ft. auditorium.

Seating (Church).—Rev. S. U. Turnipseed.
Pastor, M. E. Church. South. Ozark, Ala.—Wants price son pews for \$50,000 to \$60,000 church.

Seating (Church).—W. G. Smith, Alderson. W. Va.—Wants prices on pews for \$40,000 Presbyterian church.

Presbyterian church.

Sewers.—City of Charleston, S. C., John H. Renken, Pur. Agt.—Receives bids May 14 for 1600 ft. reinforced concrete drain and 10,000 ft. of terra cotta pipe drain, sewers and appurtenances; James H. Dingle, Engr. Sewers.—Town of Pennington Gap, Va.—Is receiving bids for construction of \$25,000 sewer system. Address The Mayor. C. ds May 1-in and vers

Sewers .- City of Baltimore, Md., Milton J.

Ruark, Sewerage Engr.—Receives bids May 19 for Maidens' Choice run trunk sewer, Sec. No. 2, Sewer Dist. G-2, Sanitary Contract No. 227: 3070 ft. 16-in., 4440 ft. of 15-in. 860 ft. of 12-in., 990 ft. of 10-in., 880 ft. of 8-in. vitrified pipe sewer; 7500 ft. of 6-in. under-drain, 400 ft. standard manhole.

drain, 400 ft. standard manhole.

Sewers.—Commrs. of Sewerage, Board of Trade Bidg., Louisville, Ky.—Receives bids May 28 for constructing Beargrass Creek improvements, South Fork, Sec. H. Contract No. 27; improvements include lowering and widening present creek channel, concreting sides and bottom of proposed channel and remodeling and reconstructing several small sewers, outlet structure, regulator chamber, manholes, etc.; approximately 57,860 cu. yds. of earth excavation, 300 cu. yds. or rock excavation, 4086 cu. yds. of reinforcing concrete in 9, 14, 18 and 25 ft. walls; 1833 cu. yds. plain concrete in sewer structures, 534,600 lbs. of reinforcing seel, 84 tons of steel sheet piling, 4 tons of 10-in. and 12-in. cast iron pipe; J. B. F. Breed, Ch. Engr.

Sewers.—City of Selma, Ala., T. J. Rowell, Mayor—Receives bids May 31 for furnishing material and constructing sanitary sewers; 9800 ft. of 15-in., 7300 ft. of 12-in., 1050 ft. of 10-in., 1220 ft. of 8-in. sewers; Robert & Co., Engrs., Atlanta, Ga.

Sewers.—City of Haskell, Tex., T. C. Cahill. Mayor—Receives bids May 20 for materalls and equipment for sewerage extensions and improvements; Douglass & Mitchell Corp., Inc., Engrs., Wichita Falls.

Corp., Inc., Engrs., Wichita Falls.

Sewers.—City of Little Rock, Ark., Sewer District, No. 101, Dan Boone, Chrm.—Receives bids May 14 for constructing sewers in District N. 101; Including 23,800 ft. of intercepting or trunk sewers; V. P. Knott, Engr., 401 Home Insurance Bidg.

Sewers.—Office Constructing Quartermaster, Room 236 Munitions Bidg., Washington, D. C.—Receives bids May 27 for constructing sanitary sewer system at Bolling Field.

Seds Fountain—The Engrepower & Clinical

Soda Fountain.—The Emergency & Clinic Hospital, Post-Dispatch Bldg., Houston, Tex.—Wants prices on soda fountain fix-tures, etc.

Spikes and Bolts .- See Rails and Acces-

Springs.—Pryor & Brown Construction Co., Haines City, Fla.—Wants data and prices on springs or rubber used in making tire

Sprinklers.—W. F. Nichols, Corinth, Miss.
—Wants prices on sprinklers for \$15,000 wholesale building at Tupelo.

Steam Heating Plant.—S. J. Serio, Canal and S. Front Sts., McComb, Miss.—Wants prices and data on steam heating plant for second story of building.

Steel Barges.—Mississippi River Comsn., First and Second Dist., McCall Bldg., Mem-this, Tenn.—Receives bids June 1 to fur-pish 13 steel barges.

Steel Docking Calssons.—U. S. Engineer Office, Huntington, W. Va.—Receives bids June 12 to furnish and deliver three steel docking caissons for Ohio River.

Steel Sash and Trim.—A. Bentley & Son Co., 616 Atlantic Natl. Bank Bldg., Jackson ville, Fla.—Wants prices on steel sash and trim for \$700,000 courthouse, Orlando, Fla.

Steel Sash and Trim.—W. F. Nichols, Co-rinth, Miss.—Wants prices on steel sash and trim for \$15,000 wholesale building at

Steel Sash and Trim.—Weaver & McMillan, hesnee, N. C.—Want prices on steel sash and trim.

Steel Sash and Trim.—Joseph & Joseph Francis Bldg., Louisville, Ky.—Wants prices on steel sash and trim for \$200,000 lodge building, Paducah, Ky.

Steel Sash and Trim.—Emmett Nicholson. Pavenport, Fla.—Wants prices on steel sash and trim.

Steel (Structural and Reinforcing).—A. Bentley & Sons Co., 616 Atlantic Natl. Bank Bidg., Jacksonville, Fla.—Wants prices on structural and reinforcing steel for \$700,000 courthouse, Orlando, Fla.

Steneil Cutting Machine.—Pryor & Brown Construction Co., Haines City, Fla.—Wants data and prices on machine to cut letters out of cardboard for steneil work.

Stoves.—See Heating Equipment.

Street.—Fellsmere, Fla. See Construction News—Roads, Streets, Paving. Street.—Tampa, Fla. See Construction News—Roads, Streets, Paving.

Street.—Winston-Salem, N. C. See Construction News—Roads, Streets, Paving, Street.—Durant, Miss. See Construction News—Roads, Streets, Bridges.
Street.—Gastonia, N. C. See Construction News—Roads, Streets, Paving.

Street,-Huntington, W. Va. See Construction News-Roads, Streets, Paving.

Street.—Baltimore, Md. See Construction News-Roads, Streets, Paving.

Street.—Siler City, N. C. See Construction lews—Roads, Streets, Paving.

Switches and Switch Stands.-and Accessories.

Tapping Machine (Water Pipe). — Dallas County Fresh Water Supply District No. 9, Walter S. Collier, Sec., Route 12, Box 291. Dallas, Tex.—Wants machine to make wet connections to water pipe.

Terra Cotta Trim.—Norman C. Edwards. 205 Hendricks Ave., South Jacksonville, Fla.—Wants prices on terra cotta trim for \$10.-,

Terra Cotta Trim.—DaCamara-Chace Construction Co., P. O. Box 186, West Palm Beach, Fla.—May be in market for terra cotta trim for \$40,000 dwelling.

Tera Cotta Trim.—Frank McFall, Pickens. S. C.—Wants prices on terra cotta trim for \$50,000 hotel.

Terra Cotta Trim.—Emmett Nicholson. Davenport, Fla.—Wants prices on terra cotta

Terra Cotta Trim. — David R. Harrison. Archt., 592-4 Arcade Bldg., St. Louis, Mo.— Wants prices on \$800,000, 8-story, 160-family apartment building.

apartment building.

Tile.—David R. Harrison, Archt., 592-4 Arcade Bldg., St. Louis, Mo.—Wants prices on hollow, interior and flooring tile for \$800-000, 8-story, 160-family apartment building.

Tile.—Joseph & Joseph, Francis Bldg...
Louisville, Ky.—Want prices on hollow tile for \$200,000 lodge building, Paducah, Ky.

Tile.—J. C. Heitzman, 1885 Princeton Drive Louvisille, Ky.—Wants prices on hollow and interior tile for bakery and dwelling.

Tile.—Emmett Nicholson, Davenport, Fla.—Wants prices on hollow tile.

Tile.—Shelco Construction Co., 25 W. 43d St., New York—Wants prices on hollow, interior and flooring tile for \$400,000 hotel at Sedgefield, N. C.

Sedgefield, N. C.

Tile.—Weaver & McMillan, Chesnee, N. C.

Want prices on hollow and floor tile.

Tile.—Felch & Southwell, Archts., 1051/2

Zack St., Tampa, Fla.—Want prices on hollow, interior and flooring tile for \$225,000

community hotel at Palmetto.

Tile.—A. Bentley & Sons Co., 616 Atlantic Natl. Bank Bidg., Jacksonville, Fla.—Wants prices on hollow and interior tile for \$700,000 courthouse, Orlando, Fla.

Tile.—John M. Marriott, 307 First Natl. Bank, San Antonio, Tex.—Wants prices on hollow tile.

Tile.—Norman C. Edwards, 205 Hendricks Ave., South Jacksonville, Fla.—Wants prices on hollow and interior tile for \$10,000 resi-dence.

Tile.—Robt. L. Harris, 516 N. Charles St.. Batimore, Md.—Wants prices on hollow tile for \$25,000 church, Sunshine, Md.

Tile.—Seymour Van Os, City Bank Bidg.. Shreveport, La.—Wants prices on hollow tile for dwelling.

Tile.—Frank McFall, Pickens, S. C.—Wants prices on hollow and flooring tile for \$50.000 hotel.

Tile.—Charles F. Law. Contr., 1245 Avenue E. Beaumont, Tex.—Wants prices on 8x12x 12-inch hollow tile for \$100,000 parochial school.

school.

Tile.—E. Ritter & Co., Marked Tree, Ark.—Wants prices on hollow tile for \$15,000 store and office building.

Tollet Seats.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids May 15 to furnish 192 tollet seats; delivery Quantico, Va. Sch. 597.

Tractor. — Marine Corps, Quartermaster's Dept., Washington, D. C.—Receives bids May 24 for one tractor; delivery Quantico, Va. Sch. No. 601.

Traffic Control Signals. — Rowlett Paine.

Traffic Control Signals. — Rowlett Paine, Mayor, Memphis, Tenn.—Receives bids May 18 to furnish traffic control signals to Police Dept.; C. C. Pashby, City Clk.

Truck Chassis.—Harris County, H. L. Washburn, County Auditor, Houston, Tex.—Receives bids June 1 for 1-ton truck chassis; plans with County Engr.

Ventilators.—David R. Harrison, Archt, 502-4 Arcade Bldg., St. Louis, Mo.—Wants prices on ventilators for \$500,000, 8-story, 160-family apartment building.

Ventilators.—J. C. Heitzman, 1885 Prince-tro Drive, Louisville, Ky.—Wants prices on ventilators for bakery.

entilators for bakery.

Ventilators.—Emmett Nicholson, Davenport,
la.—Wants prices on ventilators.

Vaults .- A. Bentley & Sons Co., 616 At-

lantic Natl. Bank Bldg., Jacksonville, Fla.—Wants prices on vaults for \$700,000 court-house, Orlando, Fla.

Vaults and Vault Lights.—W. F. Nichols. Corinth, Miss.—Wants prices on vaults and vault lights for \$15,000 wholesale building at Tupelo.

Vaults and Vault Lights.—E. Ritter & Co., Marked Tree, Ark.—Wants prices on vaults and vault lights for \$15,000 store and office building

Vault Lights.—Emmett Nicholson, Da port, Fla.—Wants prices on vault lights.

Ventilators. — Morris C. Miller, Contr. Christianburg, Va.—Wants prices on ventilators for \$30,000 school of Wytheville.

Wagon (Farm).—Marine Corps, Quarternaster's Dept., Washington, D. C.—Receives ids May 21 to furnish one farm wagon; elivery Quantico, Va. Sch. No. 604.
Waterwheel.—T. W. Dowda, Smyrna, Ga. delivery

Wants to correspond with manufacturer overshoot waterwheel.

water Main.—City of Knoxville, Tenn., Alexander Harris, Director of Public Service—Receives bids May 20 for installing 950 ft. of 16-in. trunk water main crossing under Tennessee River; Frederick W. Albert, Engr. in charge.

water Works.—City of Swainsboro, Ga.—Receives bids May 14 for furnishing materials and laying 3550 ft. of 6-in. cast iron B & S. pipe, Class B: six 6x6 crosses; six 6-in. Tees; ten 6-in. plugs; 6 fire hydrants, double nozzle; 2000 lbs. pig lead, 150 lbs. jute packing; Nisbet Wingfield Co., Engrs.. Marion Bldg., Augusta.

Wire Glass.—Weaver & McMillan, Chese, N. C.—Want prices on wire glass.

Wire Glass.—Emmett Nicholson, Davenport, cla.—Wants prices on wire glass.

X-Ray Equipment.—The Emergency Clinic t Hospital, Post-Dispatch Bldg., Houston, cex.—Wants prices on X-Ray equipment.

#### INDUSTRIAL NEWS OF INTEREST

Items of news about industrial, railroad or financial interests, building operations, construction work, municipal improvements, or the sale of machinery or the letting of contracts in the South or Southwest, are invited from our readers whether they are advertisers, or subscribers, or not. We invite information of this character from readers in the North and West about their Southern business operations, as well as from Southern readers. News of value will be published just as readily when from non-advertisers as from advertisers.

#### Graybar Exhibit at Atlantic City.

One of the outstanding exhibits of electrical equipment to be shown on Young's Million Dollar Pier at Atlantic City, N. J., in connection with the convention of the National Electric Light Association, May 17 to 21, will be that of the Graybar Electric Company. particular interest will be the display of a power line carrier telephone terminal, the linemen's portable carrier telephone set and a new type of dry coupling condenser.

#### Rex-Watson Corporation.

A consolidation of the Watson Truck Corporation and the Rex Engineering Corporation has been effected as of April 1 under the name Rex-Watson Corporation, Canastota, N. Y. Charles Van Zandt is president; Robert Love, vice-president; H. J. Clark, treasurer, and Charles R. Chapman, secretary. The manufacture of the Watson bottom-dumping wagons, tractor wagons and trailers and the Rex baling machines for paper, cotton, metal, etc., will be continued as when the companies were separate.

#### Improved Long-Distance Telephones

The great improvements which have been raade in long-distance telephone service, with results that sometimes cause one to think he may be talking to some one in the same city, although he is 1000 miles away, are explained by the American Telephone & Tele-graph Company thus: "All sorts of new graph Company thus: "All sorts of new developments have made possible the present high standards of long-distance service. Among these must be listed prominently the cables now carrying many of the wires, the vacuum tube repeater or amplifier and improved maintenance of the lines and office equipment. In sections where the demand for service is such as to make the use of long-distance cables practicable, such cables are being installed to supplement open-wire lines. They have reduced the storm hazards that cause interruptions and have provided circuits less susceptible to disturbances." It is explained that the amplifiers or repeaters strengthen the current when it beand send it on. spaced about 50 miles apart. Thus, between New York and Chicago there are 17 peater points in addition to the main terminals at each end. If a vacuum tube burns cut, a bell rings and a lamp lights to give warning of the trouble. All along the cable routes are men to locate and repair damage.

#### Branch at El Paso, Texas

The Virginia Bridge & Iron Company of Roanoke. Va., have established a branch office at El Paso, Texas, in addition to their branches at Atlanta, Birmingham, New Orleans and other cities in the South.

#### Robinson Awarded Contract.

Dwight P. Robinson & Co., Inc., York, N. Y., have been awarded the contract for an extension of the New York. Westchester & Boston double track electrically cperated railway system from Mamaroneck to Harrison, N. Y. Work will begin immediately.

#### Pickering Lumber Company, a Merger,

Pickering Lumber Co. is the name which has been adopted for the consolidated businesses of the W. R. Pickering Lumber Co., the Standard Lumber Co. and the Pickering Land & Timber Co. The Pickering Lumber Co. was organized for this purpose, and it has acquired the respective properties of the several companies named, and its address is Kansas City, Mo. The properties are located in Missouri, Kansas, Oklahoma, Louisiana. Toxas and California. There has not been any change in ownership or in the business. W. A. Pickering is president.

#### Big Shipment of All-Steel Desks, Etc.

A shipment of 14 carloads of all-steel desks, tables, filing cabinets, safes and special cases, valued at more than \$150,000. left the plant of the General Fireproofing Company, Youngstown, Ohio, during the week ended April 24. It included individual consignments, all for export to various places throughout the world, as follows: Honolulu, Hawaiian Islands; Bombay, India; Hongkong, China; Mexico City, Mexico; Auckland, Zealand; Melbourne, Australia; Barcelona, Spain; London, England; Calcutta, India; Buenos Aires, Argentina; The Hague, Holland; Caracas, Colombia; Copenhagen, Holland; Caracas, Colombia; Copenhagen, Denmark; Paris, France; Bangkok, Siam; Havana, Cuba; Jerusalem, Palestine. shipment to Mexico is the most interesting, being an all-steel barracks equipment for the Mexican Government. This equipment. made from special design, consists of steel cases containing folding bed, clothes rack, shoe box, equipment holder and weapon rack enclosed, with a rolling door provided with lock and key.

#### Havemeyer Service Extended.

The Concrete Steel Company, 42 Broadway. New York, has recently opened a warehou in Jacksonville, Fla. It is a new link in the great chain of the company's warehouses throughout the country and will be a further extension of Havemeyer service in the There are now three Concrete Steel Company warehouses serving the South-one at Norfolk, one at Birmingham and the new warehouse at Jacksonville. Besides these there are a number of well-established agencies of the company carrying warehouse stocks and equipped for Havemeyer service in Texas and other parts of the South. though operating as a branch of the Bir-mingham warehouse, the Jacksonville warehouse will carry complete stocks of Havemeyer bars and other products. Havemeyer bars are concrete reinforcing bars combining several unique features that have made them popular with contractors. last 15 years more than 1,500,000 tons of these bars have gone into concrete construction of all types, including some of the most important engineering projects. Large tonnages have also gone into the reinforcing of concrete roads. Havemeyer products include supporting, spacing and tying devices holding bars in place in the forms; collap-sible spirals, inserts, curb bars, stair tread, basement windows, soffit clips, crimped furring, security anchors, wire mesh, expanded metal, metal lath and a complete line of fireproof lathing products.

#### Will Make Pipe Threaders.

Hall-Will, Incorporated, Erie, Pa., lately organized, with Leslie S. Hall as president and general manager, will begin production June 1 of modern pipe-threading machinery. They have secured the plant formerly occupied by the Erle Motor Truck Company, and it is fast being fitted up to begin work promptly. It is stated that the organization is the direct result of an ever-increasing demand for a medium-priced, modern, portable, rower-driven pipe machine capable of the highest possible production of precision threads at the lowest cost. They will shortly piace on the market the first of their new products, the Red-E-Hall portable pipe threader, with a capacity from ¼ inch to 2 inches, and this is to be followed as quickly as possible by larger machines to be known respectively as Hall-Will super-six, eight and twelve. Other officers are C. Frank Williams, vice-president, and Harry W. Sims, secretary and treasurer. Other numbers of the board of directors are G. C. Other Hay, J. W. McLeod, C. A. Rice, all of Erie, and J. H. Sternberger of Reading, Pa. Capital is \$150,000, of which \$100,000 is paid in.
Mr. Hall was formerly vice-president and
general manager of the Williams Tool Corporation, and designed many new types of threading machines. His associates are all men of experience in the same line.

#### Spherical Gas Holders for Florida.

The first Hortonsphere to be constructed in the Southeastern part of the United States is being completed for the city of Clearwater, Fla. This high-pressure gas holder will be 26 feet 3 inches in diameter and have a capacity of 50,000 cubic feet. It was fabricated at the Greenville (Pa.) plant of the Chicago Bridge & Iron Works and is being erected by one of their erection crews under the direction of T. D. Short. Though this patented spherical pressure holder has been used for the storage of gas for a comparatively short time, it is rapidly being adopted by companies using high-pressure distribution methods. A 50-foot diameter Hortonsphere will soon be erected for the Federal Utilities Company at West Palm

#### Fort Pitt Steel Appointments.

The Fort Pitt Steel Casting Company, Mc-Keesport, Pa., have appointed John W. Guay to be works manager; he was formerly sales engineer. H. F. Stratton has been appointed superintendent; he was formerly in charge of the pattern, mould and core department.

#### General Electric Orders Gaining.

Orders received by the General Electric Company for the first three months of the present year totaled \$86,433,658, Gerard Swope, president, announces. This compares with \$83,846,236 for the first three months of 1925, or an increase of 3 per cent.

#### Northern Hi-Lift Electric Hoist.

The Northern Engineering Works, Detroit. Mich.. have brought out a new type of electric hoist, which is now ready for the market and known as the "Northern Standartized Hi-Lift." This hoist is essentially of the same design as their type "LE" crane trolley, which has established such a remarkable record in the traveling crane field, where efficiency of service, low maintenance cost, assessibility, limited clearances and high hook lift are features demanded by crane users. All of the superior features of this trolley have been employed in the new hoist and adapted in such a way as to produce an equally remarkable unit for the electric hoist field.

#### Houston Steel & Foundry Co.

The Houston Steel & Foundry Company, Louston, Texas, have taken over the former plant of the Southern Motors Manufacturing Association, Ltd., and have begun construction of an additional building for their new foundry. The company is organized under Texas laws, with \$225,000 capital stock, and prepared to operate a steel foundry immediately; also, within a short time a re-rolling mill, specializing on concrete bars, merchant bars, angles, etc. Louis R. Bryan of Houston is chairman; T. C. Hicks, president; E. D. Sitts, treasurer; the last two of Chicago. Electric furnaces may be installed.

### Important Harbor and Highway Improvements In and Around Stuart, Fla.

Chamber of Commerce.

Stuart, Fla., April 23.

Editor Manufacturers Record:

In connection with a story headed "Indiantown, Fla., to Be a City," carried in the Manufacturers Record recently, it may be interesting to know that the St. Lucie Inlet referred to by S. Davies Warfield is the mouth of the St. Lucie River, the north and south branches of which come together at Stuart. Martin county, in which Indiantown and Stuart are located, on Tuesday, April 20, voted almost unanimously to issue bonds amounting to \$1,000,000 for deepening the channel in this inlet so that the Stuart harbor may be utilized. With \$250,000 already on hand from a former bond issue, the sum authorized on the 20th will be used for building jettles and channel work.

The inlet channel already has eight feet of water at high tide and recently has carried several barges and other vessels. While it is originally intended to lower the level of Lake Okeechobee and thereby aid in draining the Everglades, it is sufficiently deep and wide to carry freight, and will afford a direct water route from Fort Myers and the west coast, saving between 400 and 500 miles around the keys. It should afford a great impetus to the realization of plans of the Seaboard Air Line, Arthur Brisbane and other interests having large holdings in Martin county.

Martin county, it may be said, is but little more than a year old, having been made up of parts of Palm Beach and St. Lucie counties. It has on hand for immediate expenditure \$1,000,000 for highway construction and it is likely that this amount will be increased to \$1,800,000. The State Highway Department will begin construction at once on new Dixie Highway through the county and the city of Stuart, spending approximately \$800,000. This will be brought to about \$1,000,000 later, when a proposed bridge is built over the St. Lucie at Stuart. Every railroad crossing in Martin county will be eliminated in the new route of the Dixie Highway. The county also will build a new courthouse.

The city of Stuart will expend \$600,000 on sewers, streets. sidewalks. parks and bulkheading its waterfront. Building permits for the first three months of the year are over \$800.000, or within 25 per cent, of the total for 1925. Not included is a new apartment house, with 42 apartments, upon which construction has begun. Work by the Florida East Coast Railway in double tracking its line through the county has added materially to the payroll.

The Stuart Chamber of Commerce has dedicated itself to deepening the St. Lucle Inlet and to the development of the magnificent back country, in which the Seaboard Air Line and Mr. Brisbane have large holdings. Every effort will be made to co-operate with these and others who have signified their faith in the opportunities Martin county offers.

JOHN WOOD, Secretary.

#### New \$500,000 Hotel for Tampa.

In a letter to the Manufacturers Record Con P. Connor, president and general manager of the Persian Palace Hotel Co., Tampa, Fla., advises that his company, which is composed of Tampa and St. Petersburg capitalists, plans to erect a 500-room hotel in the Persian Gardens development, near the Tampa approach to the Gandy bridge. It is the purpose of the company to begin construction before June 1.

#### \$1,100,000 of Municipal Bonds Validated.

Homestead, Fla.—Municipal bonds in the amount of \$1,100.000 have been validated by Judge Will H. Price of Dade County Court, Miami, and will be marketed by the J. R. Durrance Co. of West Palm Beach. Of the total, \$600,000 will be used for the purchase of new equipment for the Homestead electric lighting system and the remainder for the extension of water and sewer facilities. Contract for the latter has been awarded to the J. B. McCrary Co. of Atlanta.

#### Chamber of Commerce for Auburn, Ala.

Auburn, Ala.—At a recent meeting here for the organization of the Auburn Chamber of Commerce the following officers were elected: Prof. A. L. Thomas, president; Dr. R. S. Sugg, vice-president; Dr. Rupert Taylor, secretary; Coke S. Matthews, recording secretary, and Rufus Jenkins, treasurer. An intensive membership drive will be undertaken by the new organization, after which plans will be formulated for the improvement of the city along various lines.

### Architects Elect Officers—Plan Building in Washington.

Washington, D. C.—At the closing session of the fiftyninth annual convention of the American Institute of Architects in this city last week, Milton B. Medary, Jr., of Philadelphia was elected president. Other officers were elected as follows: William Emerson, Boston, first vice-president; C. Herrick Hammond, Chicago, second vice-president; Frank C. Baldwin, Washington, secretary, and Edwin Bergstrom, Los Angeles, treasurer.

By unanimous vote the Institute decided to erect new buildings in Washington to serve as headquarters of the organization. It is stated that the Octagon House at 18th street and New York avenue, which now houses the principal offices of the Institute, will be retained as the main unit of the proposed group. Additional office facilities, exhibition rooms and a convention hall will be provided by the new structures, which are estimated to cost several hundred thousand dollars.

Malvern special school district, Malvern, Ark., has sold \$150,000 of  $5\frac{1}{2}$  per cent bonds to R. G. Helbron, Little Rock, at par and premium of \$4350.

TRADE "LEADITE" MARK

# Jointing Water Mains

Whether you are building an entirely new system or making an extension, laying large or small mains, you will save time, money and labor by using LEADITE.

In making a LEADITE joint NO CAULKING is necessary. Just yarn the joint and pour it full of molten LEADITE; it is an easy and quick operation.

LEADITE allows you to lay more pipe per day. This means getting water into the line without delay.

The quicker you get water to the consumer, the sooner the line produces revenue.

LEADITE makes the work easier on the men by eliminating much of the drudgery of pipe laying. You know what this means in the cold of winter and the heat of summer, and in bad trenches

The varied applicability of LEADITE makes it the ideal material for jointing cast iron B. & S. water mains.

You will use LEADITE sooner or later as its advantages cannot help but appeal to you favorably.

Familiarize yourself with LEADITE now.

LEADITE does not corrode or rust. Users know LEADITE makes a good joint.

LEADITE joints improve with age. LEADITE has been successfully tested and used for over 30 years.

Thousands of miles of pipe jointed with LEADITE are in service.

The up-to-date water works man specifies and uses LEADITE.

### LEADITE saves at least 75%

LEADITE is the pioneer self-caulking material for c. i. pipe

Be Sure It Is LEADITE and Accept No Imitations

### THE LEADITE COMPANY, Inc.

1512 Land Title Building, Philadelphia, Pa., U. S. A.



Laying 20-in. c. i. water mains with LEADITE joints thru rough and mountainous country.

# NO CAULKING

### FINANCIAL NEWS

#### Bond Issues Proposed

Ala., Alabama City—School—City may call election on \$60,000 bonds; J. D. Loner, Chmn. School Board.

Ala., Attalla—School—City votes June 7 on \$12,000 bonds. Address Pres. Board of Trustees,

Ala., Selma—Improvement—City, T. J. Rowell, Mayor, receives bids May 20 on \$10,000 6%, \$500 denom. bonds.

Fla., Sarasota—Road and Bridge-County Commrs. plan selling Bridge—Sarasota selling \$1,462,000

Fla., Bartow-Road-Bridge-Polk County Commrs, may call election on \$400,000 bonds.

Fla., Bradenton—Drainage—Manatee Valley Drainage Dist., James G. Yeats, Treas., Port Tampa City. receives bids May 31 for \$257,000 0% \$1000 denom. bonds.

Fla., Charlotte Harbor - Water, Sewer-Town, L. L. Barnhill, Mayor, plans, \$275,000 bond election.

bond election.

Fla., Clearwater—Municipal Improvement—
City voted \$830,000 bonds, including \$200,000 sewage disposal plant, \$25,000 incinerator, \$50,000 park improvement, pavement, sidewalk; also bay shore improvement, including seawall and fill. Address City Clk.

\*\*Output\*\*

\*\*Description\*\*

og seawall and fill. Address City Cit."
Fla., Daytona Beach—Hospital—Board of ommrs.. Hallfax Hospital Dist., F. J. Iver, Chmn., Volusia County, receives bids any 31 for \$750,000 6% \$1000 denom. bonds. ately noted bids May 24.

Fla., Gainesville—Road, Bridge—Alachua County Board of Bond Trustees, Special Road and Bridge Dist. No. 1, rejected bids for \$1.000,000 5 \( \frac{1}{2} \) \( \frac{1}{2} \) bonds. \( \frac{1}{2} \)

Fla., Key West—School—Monroe County voted \$200,000 bonds; M. E. Russell, Supt. Board of Public Instruction.\*

Fla., Miami—School—Dade County Board of Public Instruction receives bids until June 2 for \$800,000 6% Special Tax School Dist. No. 14 bonds.

Fla., New Smyrna—Port—Sholts & Green. Attys. for Port Comn., Daytona Beach, plan calling election on \$1,500,000 Daytona Beach-New Smyrna Inlet Dist. bonds.

Fla. Ocala—Municipal Improvement—City voted \$205,000 bonds: \$50,000, water works; \$60,000, sewer; \$35,000. city hall; \$25,000, electric light and power lines; \$25,000 incinerator; \$15,000, streets, parks and grounds.

Fla., Pensacola — School — City defeated \$800,000 Special Tax School Dist. No. 16 bond issue. Address Board of Public Instrucbond issue.

Fla., Tampa—Road—Hillsborough County oommrs., W. A. Dickenson, Clk., plan calling election in June on \$656,000 bonds for effor and Lake Fern Dists., and \$300,000 onds for Hillsborough Ave.

Fla., Tampa—School—Hillsorough County School Board rejected bids on \$150,000 6% Special Tax School Dist. No. 60 bonds.\*

Fla., Vernon—Washington County Commrs., T. D. Owens, Chmn., receivees bids May 17 for \$50,000 6% \$1000 denom. time warrants; J. A. Douglas, Sec.

Fla., Vero Beach—Light and Water Plant—City, J. T. Vocelle, Atty., will call \$150,000 bond election.

Fla., West Palm Beach—Municipal Improvement—Palm Beach County Commrs. will call election June 15 on \$9,500,000 bonds: \$8,500,000, roads and bridges; \$1,000,000, mosquito control work.\*

Ga., Atlanta—Municipal Improvement—City, B. Graham West, City Comptroller, rereceives bids May 13 for \$133,000 5% \$1000 denom. sewer and \$21,500 4½% \$500 and \$1000 denom. street bonds.

Ga., Augusta—Water Works. Sewer, Hospital Extensions—City plans \$400,000 bond election. Address City Clk.

Ky., Carlisle—Road—Nicholas County Fis-cal Court may call \$100,000 bond election.

Ky., Columbia—Road—Adair County voted \$225,000 bonds. Address County Commrs.
Ky., Frankfort—Road—Fanklin County voted \$350,000 bonds. Address County Com-

Ky., Russellville — Road — Logan County Commrs. will call election May 15 on \$500,-000 bonds.

Shelbyville — Road — Shelby County s. will call election June 12 on \$600, Ky., She Commrs. w 000 bonds.

Ky., Tompkinsville-Road-Monroe County

voted \$150,000 bonds. Commrs.\* Address County

La., Lake Charles—Road—Calcasieu ish defeated \$400,000 bond issue; I Chalkey, Pres., Police Jury.\*

Md., Annapolis—State, John M. Dennis, State Treas., receives bids June 10 for \$300,-000 4½% Bridge and Grade Crossing Loan of 1924 bonds; \$1,500,000 4½% Lateral and Post Road Loan of 1924 bonds; Albert C. Ritchie, Governor; Wm. S. Gordy, Comptroller of Treasure.

Miss., Laurel—Road—Jones County Commrs. plan \$300,000 bond issue.

Miss., Pascagoula—Bridge—Jackson Coun-Board of Supvrs. will call election June on \$275,000 bonds; K. W. Burnham, Pres.

Miss., Pascagoula — Water Mains — City plans \$15,000 bond issue. Address City Clk.

N. C., Durham-Water-City, R. W. Rigsby, Mgr., plans \$500,000 bond issue.

N. C., Gastonia—Gaston County Commrs., L. E. Rankin, Clk., receives bids May 17 for S110.000 5½%, \$1000 denom. bonds: \$30,000 Mount Holly Graded School Dist. No. 4, River Bend Township; \$30,000, Dallas Graded School Dist. No. 1, Dallas Township; \$50.000, Belmont Graded School Dist. No. 2, South Point Township.\*

N. C., Gastonia—Municipal Improvement— City, W. L. Walters, Treas., receives blds May 14 for \$175,000 public improvement and \$50,000 water 6% \$1000 denom. bonds.\*

Okla., Chickasha—Sewer, Bridge—City, C. A. Chincholl, Clk., receives bids May 13 for \$40.000 storm sewer and \$11,000 bridge bonds. Okla., Covington—Water Works—City plans \$35,000 bond election; C. W. Wood, Engr. \$35,000 bo Stillwater.

Okla., McAlester—Courthouse—Pittsburg County, Melvin A. Wilkins, Clk., will ca election May 25 on \$200,000 bonds.

S. C., Aiken—Road—Aiken County Commrs., C. J. Hill., Ch. Commr., receives bids May 17 for \$530,000 5% bonds.

S. C., Chester-Water Works, Sewer-toted \$200,000 bonds. Address City Clk.

S. C., Columbia—School—School Board, Dr. C. Moore, Chmn., will call election May 18 \$500,000 bonds.

Tenn., Benton—Road—Polk County Court, E. A. Clark, Chmn., receives bids May 29 for \$150,000 5% bonds.

Tenn., Greeneville—Road—Greene County Court, M. F. Humphreys, Chmn., receives bids May 15 for \$15,000 6% bonds.\*

Ten., Knoxville—School—City Board of Education plans \$1,000,000 bond issue. Address Pres. of Board.

Tenn., Newport—Road—Cocke County, P. A. Valentine, Clk., will call election June 8 on \$36,000 bonds.\*

Tenn., Oneida — Municipal Improvement Town voted \$45,000 street and \$15,000 sew bonds. Address Town Clk.

Tenn., Savannah—Road—Hardin County, A. A. Watson. County Judge, receives bids June 5 for \$39,000 5% bonds.

Tex., Austin—Hospital—City. W. D. Yett, Mayor, will call election May 15 on \$100,000 bonds.\*

Tex., Childress—Municipal Improvement— City votes May 22 on \$175,000 bonds: \$100.000, sewer; \$85,000, water; \$40,000, city hall. Address City Clk.\*

Tex., Denton—City Hall—City, B. W. Mc-Kenzle, Mayor, plans voting on about \$100,000 bonds.\* Tex., Dilley—School—City voted \$55,000 bonds. Address Pres. Board of Education.\* Tex.. Dublin—Sewer—City votes May 19 on \$15,000 bonds. Address City Cik.

Tex., Fort Worth—Water Control and Improvement—Tarrant County may vote soon on \$15,000,000 Water Control and Improvement Dist, No. 1 bonds. Address County Commrs.

Tex., Galveston—Road—Galveston County contemplates \$500,000 bond election. Address County Commrs.

Tex., Harlingen—School—Board of Trus-es, S. D. Grant, Pres., plans \$20,000 bond

Tex., Hillsboro—School—City contemplates \$60.000 bond election; W. F. Dougnty, Supt. of Schools.

Tex., Mercedes — School — Mercedes Independent School, Fred Johnston, Sec., voted \$140.000 bonds; receives bids June 2 for \$140.000 5% bonds.

Tex., Olney—School—City plans \$50,000 bond election. Address City Clk.

Tex., Quanah — School — Quanah School Dist. probably votes this summer on \$50,000

bonds. Address Pres. Board of Trustees. Tex., San Benito—City Hall and Municipal Auditorium—City, J. Scott Brown, Mayor, voted \$45,000 bonds.\*

Tex., Sherman—City Comn. votes June 15 n \$100,000.

Tex., Texarkana — School — Independent School Board will call election June 1 on \$300,000 bonds. Lately noted election May 18.

Tex., Waco—Sewage Disposal Plant, Sanitary Sewers—City, E. E. McAdams, Mgr., contemplates \$225,000 bond issue.

Tex., Wichita Falls—Municipal Improvement—City votes June 5 on \$1,450,000 bonds or water, sewer and street improvements.

Tex., Wills Point—School—Board of Education will call election soon on \$70,000 bonds. Address Pres. of Board.

Va., Martinsville—Street-Water Works—City voted \$200,000 bonds: \$70,000 water works, \$130,000 street paving. Address City Clerk.\*

Va., Martinsville—School—Henry County Board of Supvrs. authorized \$150,000 bond

Va., Potomac—Town Hall, Fire House— Town plans voting June 8 on \$15,000 bonds. Address Town Clk.

W. Va., Mannington—Bridge, Retaining Wall—City, R. Emmett Mockler, Clk., voted \$15,000 5% bonds.\*

W. Va., Morgantown—Road — Morganty, Clay Dist. voted \$525,000 Address County Commrs.\*

W. Va., Welch—Paving—City contemplates \$75,000 bond issue. Address City Clk.

#### Bond Issues Sold

Ala., Opelika—Paving—City sold \$40,000 bonds to Caldwell & Co., Nashville, Tenn., af \$102.40.

Ark., Ozark — School — City sold \$70,000 bonds to M. W. Elkins & Co., Little Rock.

Fla., Sarasota—Water Works—City sold \$150,000 5% bonds to Stranahan, Harris & Oatis, Inc., Toledo, Ohio, at discount of \$14,985.

Fla., West Palm Beach—Improvement—City, H. J. Daugherty, Clk., sold \$1,110,000 5% bonds to Palm Beach Bank & Trust Co. at 95.92 per cent plus accrued interest.\*

Ga., Atlanta—Refund—W. K. Speer, State Treas., sold \$228,000 4 ½% bonds to Hibernia Securities Co., Inc., 57 Forsyth St., at premium of \$2658.48.\*

Ga., Eastman — Street Paving, Water Works—City, Lois Nixon, Clk., sold \$33,000 5% bonds to Trust Co. of Georgia, 53 N. Pryor St., Atlanta, at 101.15 and accrued interest.\*

La., Alexandria—School—Rapides Parish School Board, W. J. Avery, Sec.-Treas. sold \$12,500 5% Cheneyville School Dist. No. 3 bonds to City Savings Bank & Trust, Shreve-port, at \$15 premium; \$225,000 4% % Cotile School Dist. No. 22 bonds to Rapides Bank and Trust Co.. Alexandria, at \$575.50 pre-mium.\*

mium.\*

La., Lake Charles—Municipal Improvement—City, Harry J. Geary. Mayor, sold jointly to Interstate Trust & Banking Co., New Orleans, and Prudden & Co., Toledo, Ohio, \$300,000 5% drainage bonds, at premium of \$4803 and accrued interest; \$20,000, park improvement, at par, \$302 premium and accrued interest; \$10,000 paving, at par, premium of \$15 and accrued interest.\*

premium of \$15 and accrued interest.\*

Md., Salisbury—Lateral Roads—Wicomico County Commrs. sold \$24,000 5% bonds to syndicate composed of Townsend Scott & Son, Baker, Watts & Co., Nelson, Cook & Co., and Wm. T. Henning, 332 Presstman St., all Baltimore, at premium of \$1486.\*

Mo., New Madrid—Levee—Mississippi and New Madrid Counties Commrs. sold \$100,000 St. John Levee and Drainage Dist. bonds to Burkholder Bond Co., St. Louis, at 101.60.

N. C., Concord—Sewer—City, B. E. Harris, Clk., sold \$60,000 6% coupon bonds to L. R. Bollinger & Co., Cincinnati, at premium of \$1500.\*

N. C., LaGrange—Sewer—City, E. R.

N. C., LaGrange—Sewer—City, E. R. Burke, Clk., sold \$50,000 6% bonds to C. W. McNear & Co., Chicago, III., at premium of McNear \$3547.\*

(Continued on page 116)

THE LARGEST-SELLING MASON'S CEMENT IN THE WORLD



## There is only ONE BRIXMENT

THE use of BRIXMENT has grown so fast that contractors occasionally use the name for mason's cement in general. But there is only one BRIXMENT. Only BRIXMENT makes such smooth, easy-working, time and money-saving mortar. Ready to mix as soon as delivered, cuts out slaking, requires less color and won't fade the color used. For real mortar satisfaction, strength and economy, ask your dealer for BRIXMENT. The trade mark is registered; the product itself is patented. Ask for BRIXMENT by name—use it once and you'll use it always.

LOUISVILLE CEMENT CO., Incorporated, Louisville, Ky. Cement Manufacturers for Ninety-five Years



### FINANCIAL NEWS

(Continued from page 114)

N. C., Raeford—Road—Hoke County, D. K. Blue, Register of Deeds, sold \$20,000 5% bonds to Provident Savings Bank & Trust Co., Cincipnati, Ohio, at \$20,688 and accrued interest.\*

N. C., Statesville—Municipal, Improvement —City, John L. Milholland, Clk... sold \$400,000 bonds to syndicate composed of Braun, Bosworth & Co., Toledo, Detroit Trust Co., Detroit, and Wells-Dickey Co., Minneapolis, Minn. at premium of \$88.\*

N. C., Tryon — Water Works — City sold \$150,000 6% bonds to H. A. Bell & Co.. Toledo, Ohio, at par and premium of \$1525.

Okla... Enid—Road—Garfield County Commrs. sold \$150,000 5% bonds to Stern Bros. & Co., Kansas City, at premium of \$7425.

Tenn., Carthage—Highway—Smith County Commrs. sold \$50,000 bonds jointly to Caldwell & Co., Nashville, 400 Union St., and Lytle & Wooten, Jackson.

Tenn., Johnson City—Paving—City sold \$174,000 bonds to Unaka and City National Bank, Johnson City, at premium of \$4605 and accrued interest.

and accrued Interest.

Tex., Levelland—Hockley County Commrs.
sold to State Board of Education \$40,000
Hockley County Common School Dist. No. 2
bonds at par, premium of \$2950 and accrued
interest: \$12,000 Bess May Independent
School Dist. bonds at par, premium of \$480
and accrued interest.\*

Va., Luray—Road—Page County Commrs. sold \$200,000 4½% \$1000 denom. bonds to Wells-Dickey Co., Minneapolis, Minn., and A. C. Allan & Co., Chicago.\*

#### **Building and Loan Associations**

Fla., St. Augustine—St. Augustine Building & Loan Assn., 18 Granada St., plans increasing capital \$500,000.

Md., Baltimore—Acme Savings & Building Assn., 1210 E. Monument St., increased capital, \$300,000 to \$1,000,000.

Md., Baltimore—Apollo Building & Loan Assn., Inc., 1500 Harford Ave., capital \$1.000,000, incorporated; Walter C. Gilbert, Joseph L. Gessler.

Joseph L. Gessler.
S. C., Gafney—Home Building & Loan Assn., organized; N. H. Littlejohn, Pres.; M. R. Robbs, Sec.-Treas.
Tenn., Chattanooga — International Building & Loan Assn., Dr. E. C. Johnston, Pres., 1902 Chamberlain St., plans increasing capital, \$500,000 to \$2,500,000.
Tenn., Nashville—Nashville Building & Loan Assn., 238 Fourth Ave., plans increasing capital, \$1,500,000 to \$2,500,000.
Tex., San Antonio—San Antonio Building

Tex., San Antonio—San Antonio Building & Loan Assn.. Franz C. Goos. Pres., Builders Exchange Bldg.. plans increasing capital \$10,000,000 to \$50,000,000.

Va., Appalachia — Wise County Mutual Building & Loan Assn., capital \$2,000,000. organized; Henry G. Gilmor, Norton.

#### New Financial Corporations

Fla., Miami—Bankers' Security Co., N. Miami Ave. and Eleventh St., capital \$1,000.000, incorporated; W. E. Merritt, Pres. Fla., Miami—Florida Motor Finance Corp., capital \$250,000, incorporated; C. H. Lintz, Pres.; W. O. Walton, Sec.

Fla., Tarpon Springs—First National Bank, C. H. Brown, Pres., plans increasing capital, \$50,000 to \$100,000.

Fla., Williston—Bank of Williston. J. Willist, Pres., plans increasing capital

Ky., Louisville—Louisville Trust Co., John Stites, Pres., Fifth and Market Sts., plans increasing capital, \$806,100 to \$1,000,000.

La., Franklin—St. Mary Securities Co., capital \$10,000, incorporated; W. P. Foster, Wilson McKerall. Jr.

Wilson McKerall. Jr.

La., New Orleans—Pandora Investment Co., Inc., capital \$20,000. incorporated; Geo. R. Hammett. Pres., 2016 Calhoun St.

La., Tallulah—Madison National Bank of Tallulah, capital \$50,000. chartered; L. M. Spencer, Pres.; E. A. Buckner, Cashier.

Md. Baltimore—Bankers' Finance & Credit Co., Inc., 410 Equitable Bldg., capital \$100,000, incorporated; Dorothy M. Shrimpton.

Md., Baltimore—Fidelity Finance Co. of America, capital \$50,000, incorporated; Michael Offit, 2024 E. Baltimore St.

Mo., St. Louis-Young Leader Loan Co.,

capital \$15,000, incorporated; Ben Levine, 4515 W. Papin St.

Mo., St. Louis—American Investment Co., capital \$200,000, incorporated; Norman C. Wolff, 6358 Waterman St.

Okla., Blackwell—Fidelity Bond & Mortgage Co., capital \$100,000, incorporated; E. H. Paine, P. A. Enlows.

Okla., Frederick—Frederick Building & oan Assn., Main & Grand Ave., capital 250,000; reorganized; Geo. M. Burkhardt,

Okla., Tulsa—Tulsa Trust Co., 404 S. Boulder St., capital \$600,000, organized; Johnson D. Hill, Pres.

Johnson D. Hill, Pres.
S. C., Union—Farmers Bank & Trust Co..
R. P. Morgan, Pres., and Citizens National
Bank, C. H. Peake, Pres., consolidated as
Citizens Bank & Trust Co..
S. C., Union—Citizens Bank & Trust Co..
capital \$100,000. chartered: R. P. Morgan,
Pres.; J. W. Wilbanks, Cashier.
Tenn. Memphis—Columbia Mortgage &
Trust Co.. Peter G. Grant, Pres., 123 Monroe
Aye., increased capital. \$100,000 to \$500,000.
Tex. Houston—First Industrial Flunnee

Tex., Houston—First Industrial Finance orp. plans increasing capital, \$50,000 to Corp. plans \$200,000.

Bank of Altenburg, E. J. Fischer, Pres., Atenburg, Mo., absorbed Bank of Witten-berg, O. B. Lueders, Pres., Wittenberg, Mo.

#### Trade Literature

#### Hardinge Weather Forecasts.

The Hardinge Company, York, Pa., manufacturers of mills of various kinds and other machinery, are issuing monthly forecasts of the weather during the golf season. The first is for the month of May and copies will be sent by the company if requested.

#### A Book About Jacksonville.

Telfair, Stockton & Co., Jacksonville, Fla., have published a handsome booklet entitled "Industrial Jacksonville." It is beautifully illustrated, one of the pictures being a bird'seye view of the heart of the business district and a portion of the water-front. Another picture was taken on Forsyth street. and there are also a number of others showing different industrial and commercial establishments in the city. The firm are real estate men and have suitably located various husiness enterprises there.

#### Mueller Record Spring Issue.

The spring number of the Mueller Recrd, issued by the Mueller Company, manufacturers of plumbing, water and gas brass goods, Decatur, Ill., is a very seasonable and entertaining as well as instructive publication. In addition to presenting many pertinent facts about the Mueller products, it contains much matter personal to officers and employes of the Mueller organization. Copies of the booklet are being sent to the rlumbing, the water and the gas trades.

#### Air Compressors for Railroads.

A fine illustrated folder issued by the Chicago Pneumatic Tool Company, 6 East Forty-fourth street, New York, says that the CP compressors are made in types and sizes to meet every railroad compressed-air need. These stationary and portable compressors are made in steam, oil, belt and direct-motor types to meet any special re-Self-Iubrication protects every quirements. part that is subject to wear. The leading article relates to the use of compressed air for pumping water.

#### Uniflow Stoker Catalogue.

The Uniflow Stoker Company, Piqua, Ohio, have published a large and finely illustrated catalogue giving full particulars about their The Uniflow stokers, it is stated, products. are a better and more economical way to reduce power costs. Copies of several let-ters of appreciation from customers accompany the publication.

#### Welding and Cutting Equipment.

"Eyeosee" and "International" welding and cutting equipment made by the Interrational Oxygen Company, Newark, N. J., are described and illustrated in a large folder issued by the company. There are 12 pages with full information concerning the company's products; also price lists giving detailed information.

#### Pennsylvania Compressor Bulletin.

Bulletin No. 127 of the Pennsylvania Pump & Compressor Co., Easton, Pa., relates to their direct-connected synchronous motor-driven air compressors, and it is in keeping with the high standards of previous publi-cations by this organization. It is finely illustrated and the descriptive matter is full and instructive.

#### Portsmouth Progress

The May issue of Portsmouth Progress, published by the Portsmouth (Va.) Chamber of Commerce, Inc., is an interesting and valuable number. The leading article re-lates to the general clean-up campaign which the chamber is pushing throughout the city. and there is also an article urging the increased use of concrete for the construction of sidewalks. There are many other good contributions.

#### Pond Continuous Sash.

David Lupton's Sons Company, Philadelphia, Pa., have published their catalogue No. 12, which relates to the Pond Continuous Sash that they manufacture; and also to the Pond roof design and the Pond operating device. This continuous sash is described as "a top-hinged steel sash, hung in horias a top-ninged steel sash, hung in nori-zontal lines outside the structural work or between the pilasters of a building. When open it resembles a continuous glass awn-ing in a steel frame that can be lowered at will, moving in a circular are about its top edge, where it is hinged to the building structure." The pictures show installations of the sash in factory buildings and other long structures.

#### Advantages of an Asphalt Compound.

Several folders and circulars devoted to exposition of the superior qualities of Hydro-Proof for protective service of different kinds have been published by the Asphalt Products Company, Inc., Syracuse, N. Y. It is described as being the ideal permanent and economical waterproofing agent. In plastic form it is said to be perfectly compounded of pure asphalt and asbestos for caulking, glazing, airproofing, soundproof-ing, waterproofing, dampproofing, etc. It is applied with putty knife, trowel or a special automatic gun. In liquid form it is also used as protection against corrosion of iron and steel. This is as a liquid that is applied with a brush or else by the spray system. It is also used in refrigerating and cold-storage plants. Ice cream and dairy plants likewise find it of great value. Another use is for repairing concrete floors and resurfacing concrete, brick, wood block and asphalt flooring. It is applied cold.

WE extend the facilities of our organization to those desiring information or reports on companies with which we are identified.

#### Electric Bond and Share Company

(Incorporated in 1905)

Paid-up Capital and Surplus, \$75,000,000

71 Broadway

New York

We Buy and Sell

MUNICIPAL BONDS AND NOTES CORPORATE PREFERRED STOCK and BOND ISSUES

See Us on Southern Financing

R. S. DICKSON & CO., Gastonia, N. C.
New York Greenville, S. C. Goldsboro, N. C.

#### We Buy Bonds

City, County, School and Road from Municipalities and Contractors WRITE

THE PROVIDENT SAVINGS BANK & TRUST CO. CINCINNATI

### <del>Wright, Warlow & Co.</del>

Municipal and Corporation Bonds

Specializing in the preparation of legal proceedings for municipal bond issues

Fifth Floor State Bank Bldg. ORLANDO FLORIDA

St. Petersburg

#### REAL ESTATE MORTGAGE BONDS

We are interested in the purchase of first mortgage bond issues covering business property, hotels, apartment houses, etc., in amounts of \$50,000 and upwards. Entire issues city, county and district bonds purchased.

MARX AND CO.

Brown-Marx Bldg.

Birmingham, Ala.

#### WE BUY MUNICIPAL BONDS

We are interested in the purchase of Southern Municipals including road, school, county, drainage and levee bonds.

M. W. ELKINS & CO.

Southern Trust Bldg.

Little Rock, Ark.

### Municipal Bonds

Inquiries invited from municipalities and contractors. We buy city, county, district, school, road, lighting, water works and other municipal issues.

A.C.ALLYNAND COMPANY

67 W. Monroe St., Chicago, Ill. New York Besten Philadelphia Milwukee Minneapolis San Francisc

### North America **Discovers** "Dixie"

E are seeing at this time an unprecedented development of Southern resources. seems as if the people of the colder climates have just discovered the unlimited possibilities of the South.

The next fifty years will see in the South the development of a rich, powerful and symmetrical civilization.

Southern cities are showing a healthy growth. Construction of hotels, apartment houses, office buildings, and other income-producing property is proceeding steadily.

Capital drawn from an extensive territory, through Caldwell offices in principal financial centers, is available for financing such structures. Our Mortgage Loan Department offers helpful advisory service and is in a position to make valuable suggestions regarding financing.

All communications should be addressed to Mortgage Loan Department.

"We Bank on The South"

### CALDWELL & COMPANY

INVESTMENT SECURITIES

400 Union Street Nashville, Tennessee Offices in Principal Cities

An aggressive campaign on behalf of the South can be tremendously helped by the widest possible circulation of the

### BLUE BOOK SOUTHERN **PROGRESS**

THE SOUTH has now come upon the most interesting, and perhaps the most crucial time in its business history. Every sign of development in the South, and every indication of a movement of population and money into this section, will be commended by the broader business interests of the country who recognize that the development of the South means the enrichment of the nation.

In the interest of the South's largest possible development and material progress, we invite the co-operation of everybody interested in the South to utilize the facts and information in this book. The wider the circulation and the more intensely these pages are read and studied the greater will be the influence for good to the South and the whole country.

We feel justified in asking every reader as a patriotic duty to help widen its circulation by placing copies in the hands of friends. by putting it into every home, into every library, into every school in every community throughout the country, and also to business acquaintances throughout the North and West, as well as abroad.

The prices are as follows:

Less than 500 copies..50 cents each 500 to 1000 copies....40 cents each 1000 or more copies...30 cents each

All orders for less than 100 copies should be accompanied by check, money order or stamps.

MANUFACTURERS RECORD BALTIMORE MARYLAND

### FLORIDA'S SAFEST INVESTMENT

Shares in its old-established Building and Loan Associations

Become a member of the Lakeland Building and Loan Association and invest in its capital stock.

RETURNS 8% WITH
100% SECURITY
Dividends of 2% are payable, in cash, every three months on full paid shares.

Subject to Supervision and Examination of the Comptroller of the State of Florida.

of the State of Florida.

Lakeland, Florida's highest city; Florida's largest inland city, finest climate and best water in the State; in Polk County, the largest citrus-producing county in the world.

Let us tell you how you may take advantage of these facts and increase your income.

Ask us to send you our booklet.

LAKELAND BUILDING AND LOAN ASSOCIATION

Box 35

LAKELAND, FLORIDA

### STATE—COUNTY—CITY Financing

**CURTIS & SANGER** 49 Wall Street **NEW YORK** 



#### YOUNG & SELDEN COMPANY

MANUFACTURING

Bank and Commercial Stationers

BALTIMORE, MD.

#### Contractors and Manufacturers TIME CHECKS



We Make Them Promptly. Headquarters for Seals, tock Certificates, Stencils, Steel Dies, Brass Signs, namel Plates, Memorial Plates, Church Seals and Pew ates, Made on our Premises. Send for Catalogue.

THE J. F. W. DORMAN COMPANY BALTIMORE, MD.

#### ADVERTISERS----

Please keep this schedule before you-

- 15 days Before publication we should have copy in order to handle proofs for approval.
- 8 days Before publication we should have copy for changes without proofs.

Your compliance will afford us the chance to give you the best service.

MANUFACTURERS RECORD



Clifton D. Benson, President Philip J. Corrigan, Vice President

8%

FIRST MORTGAGE REAL ESTATE BONDS

Send for our latest circular

Mortgages Insurance Bonds Property Management

BANKERS BOND & MORTGAGE CO.
325 Northeast First Street
MIAMI, FLORIDA

#### "THE ATMOSPHERE OF YOUR BANK"

said a customer recently, "is not cold, but radiates cheerfulness and helpfulness."

That is our aim. We are properly conservative, but we recognize the obligation resting upon all bankers to help meet deserving business requirements.

> We invite your inspection of our modern, burglar-proof and fireproof Safety Deposit Vaults, which may be rented at small cost.

#### BALTIMORE COMMERCIAL BANK

GWYNN CROWTHER, President

26 South Street, Baltimore, Md.

Capital and Surplus \$1,000,000.00

Member Federal Reserve System

### FOURTH NATIONAL BANK MACON, GA.

In close touch with all of Georgia, offers its aid to those interested in that State.

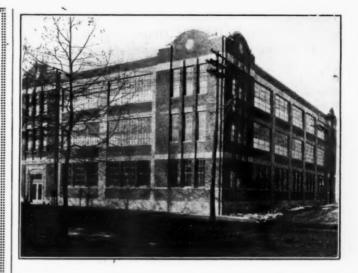
### MARYLAND TRUST COMPANY BALTIMORE

Transacts a General Trust and Banking Business

Correspondence and interviews invited

CAPITAL,

\$1,000,000



### Where Security Bonds and Certificates Are Produced

On your way to the Sesqui-Centennial, opening June 1st, if you enter Philadelphia via Lincoln Highway (Walnut Street), look for our new home at 55th Street.

At the Exposition there will be an exhibit of our finished product showing Security papers and documents of the highest grade.

Ask for quotations stating your requirements.

Engravers and printers of bonds and stock certificates for over forty years.

### SECURITY BANK NOTE CO.

55th below Chestnut

PHILADELPHIA

PENNA.

#### Would Build Six Dams in Texas.

Kingsland, Texas-The construction of six dams and hydroelectric plants in Texas will be undertaken by the Syndicate Power Co. of Dallas, of which C. H. Armstrong, Jr., is president, according to applications filed with the State Board of Water Engineers at Austin. Permits have been granted the company on five of the applications, covering the construction of three dams and plants on the Colorado River in Burnet county and two in Travis county. Application for the sixth dam near Marble Falls has been taken under advisement by the board. It is understood that construction of the dams, for which permits have been secured, will begin within two years and completed within nine years.

The first construction will begin immediately, it is said, on a dam six miles northeast of Kingsland, 2500 feet long and 165 feet high, while other construction will include a 3200-foot dam at Lohman's Crossing in Travis county; 1102foot dam, 75 feet high, five miles east of Tech in Travis county; 690-foot dam, 137 feet high, 18 miles west of Lampasas, and a 1200-foot dam, two and one-half miles southeast of Kingsland. The proposed dam near Marble Falls would be 748 feet long and 70 feet high.

#### To Grow Gladioli Bulbs in Missouri.

Ritchey, Mo.-Plans have been made by E. R. Beebe of Shreveport, La., for the establishment of a farm here to grow gladioli bulbs, inaugurating a new industry in this section. Eleven acres of land have been leased by Mr. Beebe, who will set out 4,000,000 plants this spring, it is stated, for growing bulbs. Later the bulbs will be shipped to Shreveport, where the gladioli will be allowed to bloom and the flowers shipped to all sections of the United States.

#### Studies in Combustion of Fuel Oil.

In the course of the fuel-economy survey made by the Bureau of Mines in Government power plants, studies and tests have been made of various oil-burning equipments under power-plant boilers. There are now many types of burners being offered in the relatively limited field of power-plant use. The majority of the types used may be grouped into two general classes—those using steam to effect the atomizing of the oil and those using mechanical means.

Burners using steam have had the most prominence in this field for a long period. The mechanical atomizing type of burner successfully applied on shipboard, however, pointed to a possible betterment in land work, states the Bureau. The vision presented itself of a burner that would need no steam for atomizing, that would permit of air inlets or registers compactly arranged as a part of the entire burner, and that would only require the natural stack draft usually available in land-boiler furnaces. Hence, rather recently there has been much development along this line, resulting in various types of burners.

#### \$150,000 Power Unit on Shenandoah River.

Luray, Va.-To meet an increased demand for electric current in Page county, interests identified with the Page Power Co., including M. A. Roudabush, Luray, president: A. A. Roudabush, Shenandoah, Va., and Ira C. Vaughan and C. P. Vaughan of Philadelphia, Pa., plan to build a concrete dam across the Shenandoah River, four miles west of Luray. to take the place of a dam which collapsed there a few years ago. Work is expected to begin at once on the new structure, which will cost about \$150,000. Approximately 1400 horsepower will be generated and distributed by the company.



uilding for Roessler & Hasslacher Chemical Co., Brooklyn,

#### Men Who Know Select **Beers' Built Buildings**

BEERS' BUILT BUILDINGS are the choice of engineers, architects and other men who know building values. These buildings are of standard structural steel, designed to meet all requirements of city construction codes. They are unlike any other structures.

There are sizes and types to suit practically every character of industrial and commercial operation—whether foundry, machine shop, warehouse or mill. BEERS' BUILT SPECIALIZED STEEL BUILDINGS will fit right in with your building plans, with most economical cost.

These buildings are fabricated at our own shops at Bristol, Pa. We are in position to ship material promptly to any part of the South. Let us figure on your requirements. Send for full information.

### BEERS-TAPMAN, INC.

1015 Park Row Bldg. New York, N. Y. BEERS' BUILT BUILDINGS

### **PHILADELPHIA**

Chestnut and 39th Street

### Hotel Pennsylvania

Fireproof-Unrestricted Parking-Garage



OSCAR W. RICHARDS, Manager

#### 600 ROOMS—500 BATHS

Rooms with running water from \$2.50 per day Rooms with private bath and shower from \$3.50 per day

#### Food and Service the Best

Near West Philadelphia Station Pennsylvania Rail-road—University of Pennsylvania—Franklin Field



### **PROPOSALS**

**BOND ISSUES** 

**BUILDINGS** 

**PAVING** 

GOOD ROADS



Bids close June 10, 1926.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 6, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. June 10, 1926, for modifications in the heating system in the U. S. Post Office and Court House, New Orleans, La. Drawings and specifications may be obtained from the Custodian at the building or from this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

Bids close June 8, 1926.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 4, 1926,—SEALED PROPOSALS will be opened in this office at 3 P. M. June 8, 1926, for plumbling and heating repairs in the U. S. Post Office and Custom House, Port Arthur, Texas. Drawings and specifications may be obtained from the Custodian, U. S. P. O. & Custom House, Port Arthur, Texas, or at this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close June 7, 1926.

TREASURY DEPARTMENT, Supervising Architect's Office, Washington, D. C., May 5, 1926. SEALED PROPOSALS will be opened in this office at 3 P. M. June 7, 1926, or removing the present boiler, etc., and furnishing and installing one new portable, smokeless fire-box heating boiler, etc., at the United States Postoffice and Courthouse, Paducah, Ky. Drawing and specifications may be obtained from the Custodian. U. S. Postoffice and Courthouse, Paducah, Ky., or from this office, in the discretion of the Supervising Architect. Jas. A. Wetmore, Acting Supervising Architect.

Bids close June 8, 1926.

Bids close June 8, 1926.

SEALED PROPOSALS, marked "Proposals for Construction of Buildings and Utilities, North Chicago, Illinois, will be received by the U. S. Veterans' Bureau, Room 791, Arlington Building, Washington, D. C., until 11 A. M. June 8, 1926, and then and there publicly opened, for the construction complete of one Recreation Building, one Acute Patients' Building, two Continued Treatment Buildings and one Administration Building, also Covered Walks, Pavement, etc., to be built at U. S. Veterans' Hospital No. 195. North Chicago, Illinois. This work will include reinforced concrete construction, hollow tile, brick work, cast concrete stone, marble work, tile floors and wainscots, iron work, steel sash, iron stairs with slate treads, slate, metal and built-up roofing, roof ventilators, metal lathing, plastering, carpentry, dumb waiter, metal weather strips, insect screens, hardware, painting, glazing, plumbing, heating and electrical work, electric elevators and outside service connections. SEPARATE PROPOSALS will be received for Building Construction. Plumbing, Heating, Electrical Work and Elevators, all as set forth on proposal sheet. Proposals will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract and in making awards; the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 791, Arlington Building, Washington, D. C. Deposit with application of a cheek or postal money order for \$50, navable to the TREASURER OF THE UNITED STATES, is required as security for safe return of the drawings and specifications within ten days after date of opening proposals. FRANK T. HINES. Director. May 5, 1926.

RATE: 35 cents per line per insertion. PUBLICATION DAY: Thursday. FORMS CLOSE: 4 P. M. Monday. DAY LETTER: When too late to send copy by mail to reach us by 4 P. M. Monday, forward by day letter. THE DAILY BULLETIN OF THE MANUFACTURERS RECORD: Published every business day; gives information about the industrial, commercial and financial activities of the South and Southwest.

The Daily Bulletin can be used to advantage when copy cannot reach us in time for publication in the Manufacturers Record before bids are to be opened, or when daily publications are necessary to meet legal requirements.

The same rate applies—35 cents per line per insertion.

Bids close June 12, 1926.

U. S. ENGINEER OFFICE, HUNTING-TON, W. VA.—Sealed proposals will be re-ceived here until 11 A. M. June 12, 1926, and then opened, for furnishing and deliver-ing three steel docking caissons for Ohlo River. Further information on application.

Bids close May 31, 1926.

#### \$750,000 6% Bonds

HALIFAX HOSPITAL DISTRICT, VOLUSIA COUNTY, FLORIDA.

HALIFAX HOSPITAL DISTRICT,
VOLUSIA COUNTY, FLORIDA.

Postponement of Opening Bids: Previously
Advertised to Be Opened May 24, 1926
Sealed proposals. to be received by the
undersigned. Board of Commissioners of
said Halifax Hospital District, a special
tax district in Volusia County, Florida, at
the City Hall, City of Daytona Beach,
Florida, at 2 o'clock P. M. on the 31st
day of May, A. D. 1926, for the following
issue of bonds of said Halifax Hospital
District, a special tax district situated in
Volusia County. State of Florida, to wit:
\$750.000 "Halifax Hospital District Bends
of 1926," dated April 1, A. D. 1926, due
\$30,000 each year, 1931 to 1955, both inclusive. Interest payable semi-annually on
April 1st and October 1st of each and
every year at 6 per cent per annum. Denomination \$1000 each.
Said issue of bonds has been validated
by decree of the Circuit county of the
Seventh Judicial Circuit of the State of
Florida in and for Volusia County, Florida.
Both principal and interest on said issue of bonds payable at Merchants Bank
& Trust Company, Daytona Beach, Florida,
or National Bank of Commerce, City of
New York, State of New York, at the option of the holder thereof.
Each proposal must be accompanied by
cash or certified check, payable to the
order of F. J. Niver, Chairman, Board of
Commissioners Halifax Hospital District,
for 2 per cent of the par value of said
issue of bonds. The check of the successful bidder to be retained by the Board of
Commissioners as security for the completion of the contract of sale by the purchaser, and checks of all unsuccessful bidders to be immediately returned.

Delivery of these bonds will be made to
Merchants Bank & Trust Company of Daytona Beach, Florida, or to National Bank
of Commerce. City of New York. State of
New York, at the option of purchaser.
This authorized issue of bonds to be sold
subject to the approving opinion of Messrs.
Thomson, Wood & Hoffman, of New York
City, New York, to be furnished by said
Board of Commissioners. Bonds will be
pr

F. J. NIVER.
Chairman, Board of Commissioners
Halifax Hospital District, Daytona
Beach, Florida.

Bids close May 25, 1926.

Sealed proposals will be received at the office of the General Treasurer, National Home for Disabled Volunteer Soldiers, until 12 o'clock M. (Central standard time) May 25, 1926, and then opened, for furnishing and delivering supplies (clothing, chinaware, bedding, stationery, etc.) for the year ending June 30, 1927. Copies of instructions and specifications can be had upon application to C. W. Wadsworth, General Treasurer, National Military Home, Dayton, Ohio.

Bids close May 29, 1926.

#### \$150,000 5% Road Bonds

\$150,000 5% Road Bonds

By virtue of the power vested in me by the Public Acts of Tennessee. First Extra Session, 1913. Chapter 26, and amendments thereto, I will, in compliance with a resolution of the County Court and amendments thereto, offer for sale and sell for not less than par and accrued interest One Hundred and Fifty Thousand (\$150,000) Dollars of Polk County Road Bonds; said bonds will bear date of May 1, 1925, in accordance with said resolution, with interest at the rate of Five per cent, with interest at the rate of Five per cent, with interest at the cleveland National Bank in Bradley County, Tennessee, or at the Chemical National Bank, New York City, N. Y.

A duly certified or cashier's check for \$5000 will be required to accompany each bid, and to be forfeited if the awarded bider fails to take the bonds as bid off by it or him.

or him.

The right is reserved to reject any and all bids.

The right is reserved to reject any and all bids.

Sealed bids with accompanying check will be received by mail or otherwise from the date of this notice until noon the 29th day of May, 1926, when the biddings will be closed and sale awarded.

No bids will be received unless in compliance with this notice, and bids will be received at the Chairman's office or directed to him at the Benton Post Office.

This May 1st. 1926.

E. A. CLARK.
Chairman, County Court, Polk County.
P. O., Benton, Tennessee.

Bids close May 19, 1926.

#### \$500,000 6% Improvement Bonds

Boca Raton, Fla.

Boca Raton, Fla.

The Town of Boca Raton, Palm Beach County, Florida, will receive sealed bids, addressed to the undersigned, until 7.30 P.

M. May 19, 1926, at which time they will be opened and compared at a regular meeting of the Town Commission, for the sale of Five Hundred (500) One Thousand Dollar (\$1000) Town of Boca Raton improvement bonds, dated May 1, 1926, maturing as follows:

100 Bonds, May 1, 1936
100 Bonds, May 1, 1941
100 Bonds, May 1, 1946
100 Bonds, May 1, 1956
Bonds bearing interest at the rate of six (6%) per cent per annum, payable semi-annually, principal and interest payable at the National Bank of Commerce, New York, N. Y., or at the office of the Town Clerk and Treasurer, Boca Raton, Florida.
Said bonds shall be prepared and ready for delivery when bonds are sold, and the legality of the issue will be passed upon by Caldwell & Raymond, Bonding Attorneys of, New York, N. Y., whose opinion will be furnished the purchaser without charge.

will be furnished the purchaser without charge.
A certified check for Ten Thousand Dollars (\$10,000), certified by any bank, must accompany each bid as evidence of good faith, and same shall be forfeited to the Town of Boca Raton as liquidated damages in case the successful bidder fails to comply with the terms of his bid.

The Town of Boca Raton reserves the right to reject any or all bids.

Any further information desired may be obtained from

J. G. BROWN, Mayor.

J. G. BROWN, Mayor. GEO. S. AKINS, Town Clerk.

Bids close June 5, 1926.

#### \$39,000 5% Highway Bonds

Savannah, Tenn.

Sealed bids will be received at the office of County Judge, Savannah. Tennessee, till 1 P. M. June 5, 1925, on \$20,500 Highway Bonds; also \$18,500 Highway Bonds: 5% coupons, payable semi-annually at Savannah, Tennessee, 1 to 20 years.

A. A. WATSON, County Judge.

Bids close May 18, 1926.

#### \$50,000 6% Improvement Bonds

Notice is hereby given that the Town of Ormond, Florida, will receive bids for the purchase of issue of Fifty Thousand (\$50,000) Dollars six (6%) per cent local improvement bonds of the Town of Ormond. dated April 1, 1926, in One Thousand (\$1000) Dollar denomination, interest payable semi-annually.

Bids must be in the hands of John W. Robinson, Town Clerk, Ormond, Florida, by 7.30 P. M. May 18, 1926, and must be accompanied by certified check for Twenty-five Hundred (\$2500) Dollars, payable to the Town of Ormond, Florida.

Dated this 20th day of April, A. D. 1926.

TOWN OF ORMOND, FLA.

By JOHN W. ROBINSON.

By JOHN W. ROBINSON. Town Clerk.

Bids close May 27, 1926.

#### **Bridge Construction**

Baton Rouge, La.

Baton Rouge, La.

Sealed proposals will be received at the office of the Louisiana Highway Commission, Reymond Building. Baton Rouge, Louisiana, up to 11 o'clock A. M.

THURSDAY, MAY, 27, 1926, at which place and time they will be publicly opened, for the construction of the Bayou Boeuf Bridge, Federal Aid Project No. 155-B, on the Houma-Morgan City Highway, in the Parishes of Assumption and St. Mary.

The location of the proposed bridge is approximately one-half mile south of the Southern Pacific Railroad Bridge at Boeuf Station, or approximately six miles east of Morgan City, Louisiana.

The construction consists of furnishing all material and building one 160-foot steel swing span and four 100-foot steel fixed truss spans, all on concrete piers and abutments with pile footings.

The approximate quantities involved are: 1,270 Cubic Yards of Structural Excavation.

460 Cubic Yards of Class "A" Concrete in seal course of piers.

775 Cubic Yards of Class "A" Concrete above seal course of piers.

430 Cubic Yards of Class "C" Concrete above seal course of piers.

61,400 Pounds Reinforcing Steel.

42,296 Feet Board Measure Creosoted Lumber.

5,500 Lineal Feet Creosoted Piling.

715,000 Pounds Steel Castings.

18,000 Pounds Steel Castings.

18,000 Pounds Machinery.

175 Cubic Yards Class "E" Concrete (floor slabs).

11,300 Lineal Feet of Untreated Foundation Piles.

304 Square Yards Rock Asphalt wearing surface.

14 Timber Test Piles.

Information as to the location, character of work, extent and class of material.

Wearing Survives

14 Timber Test Piles.

Information as to the location, character of work, extent and class of material, terms of payment, regulations governing the manner of submitting proposals and executing contract may, upon application, be obtained at the office of the Louisiana Highway Commission, Reymond Building, Baton Rouge, Louisiana. Plans and specifications may be inspected at the office of the Commission in Baton Rouge, or will be furnished upon receipt of \$5 as payment therefor, not to be refunded.

W. B. ROBERT,

State Highway Engineer.

State Highway Engineer.

W. E. ATKINSON, Chairman, Louisiana Highway Commission.

Bids close May 27, 1926.

#### \$100,000 5% Improvement Bonds

THE CITY OF HARRISONBURG, VA., invites bids on \$100,000 General Improvement Bonds, dated June 1, 1926, payable in 30 years; 5 per cent interest, payable semi-annually. Sealed bids received until 12 noon May 27, 1926, accompanied by certified check for 1 per cent of bid. Right to reject any or all bids. For information oddress.

WARD SWANK, City Clerk, Harrisonburg, Va.

Bids close May 15, 1926.

#### \$150,000 51/2% Road Improvement Bonds

Covington, Va.

Covington, Va.

Notice is hereby given that at 12 o'clock noon on May 15, 1926, the Board of Supervisors of Alleghany County, Virginia, will receive sealed bids for the sale of \$150,000 Alleghany County, Virginia, State Highway Rond Improvement Bonds.

These bonds will be in \$1000 denominations each, bearing interest at 5½ per cent per annum, payable semi-annually at Irving Bank-Columbia Trust Company of New York on the first day of January and first day of July of each year.

These bonds are to be known as 5-10-year bonds, and the Board of Supervisors reserve the right to redeem any or all such bonds at the expiration of five years. The Board of Supervisors reserve the right to reject any or all bids on the above issue. Date of these bonds will be June 1, 1926, and a check for 10 per cent of each bid will be required to accompany the bid.

J. D. MUSTOE,

Treasurer, Alleghany County, Va.

By order of the
BOARD OF SUPERVISORS.

Bids close June 1, 1926

#### Reinforced Concrete Arch Bridge

Sebring, Fla.

Sealed proposals for the construction of a Reinforced Concrete Arch Bridge will be received by the City of Sebring, Florida. at the office of the City Clerk until 8 o'clock P. M. on Tuesday, June 1, 1926, for the construction of the above-mentioned bridge across the South Arm of Lake Jackson.

Jackson.

General plans are on file in the office of the City Engineer and all proposals shall conform to same with reference to depth of footings, roadway elevation, length of spans, roadway width, walk width, etc.

Each proposal shall be accompanied by the detailed plans of the bidder showing system of reinforcing, size of reinforcing, spacing, etc. All sizes and thicknesses of all concrete sections to be clearly shown.

Each proposal shall be accompanied by complete Stress Sheets and Computations to show that structure is properly designed.

Loading-20-ton road roller (concen-

trated.)

Loading—20-ton road roller (concentrated.)

Payments will be made monthly in cash on Engineers' estimates to the extent of eighty-five per cent of the work done, balance on completion and acceptance.

Successful bidder will be required to furnish a surety company bond for one hundred per cent of the contract price, said bond to remain in full force and effect for two years after the completion of the work and guarantee the structure against failure due to design, workmanshin or materials.

In connection with the Reinforced Concrete Arch Bridge bids or proposals will also be received on approximately fourteen thousand three hundred eighty-five (14,385) feet reinforced concrete piling for seawal running from 6 to 30 feet in length.

Plans of the reinforced concrete piling are now on file in the City Engineer's office.

office.

A certified check in the amount of five (5) per cent to accompany bid.

The City Council reserves the right to consider proposals for ten (10) days after their receipt before, awarding any contract and to consider the two items separately or as a whole and to award said contract on that basis.

The City Council reserves the right to reject any or all bids.

WM E PARRISH Mayor

WM. E. PARRISH, Mayor.
A. M. WOLFE, City Clerk.
E. M. CLAWSON, City Engineer.

Bids close May 25, 1926.

#### **Highway Construction**

DEPARTMENT OF PUBLIC WORKS STATE OF MARYLAND STATE ROADS COMMISSION NOTICE TO CONTRACTORS

Baltimore, Md.

Baltimore, Md.

SEALED PROPOSALS for building seven sections of State Highway, as follows:
Washington County, Cont. W-40—One section of State Highway from Mapleville to Wagner's Cross Roads from Rohrersville toward Gapland for a distance of 3.3 miles. (Macadam resurfacing.)
Prince George's County, Cont. P-62—One section of State Highway along the Defense Highway from Collington toward Priest Bridge for a distance of 1.25 miles. (Concrete.)
Anne Arundel County, Cont. AA-47—One section of State Highway from the Shadyside Road toward Deale for a distance of 1.75 miles. (Gravel.)
St. Mary's County, Cont. Sm-36—One section of State Highway between State Road near Milestown and Bushwood Wharf, between Lee's Corner and Compton, and the relocation at Morganza for a distance of 2.37 miles. (Gravel.)
Talbot County, Cont. T-23—One section of State Highway between Queen Anne and Cordova for a distance of 1.2 miles. (Concrete.)
Cecil County, Cont. Ce-10-A—One section of State Highway between Perryville and Principio for a distance of 3.4 miles. (Concrete shoulders.)
Montgomery County, Cont. M-10-C—One section of State Highway along the Seventh Street Pike between the D. C. Line and Norbeck for a distance of 3.35 miles. (Concrete shoulders.)
Will be received by the State Roads Commission, at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 25th day of May, 1926, at which time and plans, will be furnished by the Commission upon application and cash payment of \$1, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

BY ORDER of the State Roads Commission this 4th day of May, 1926.

JOHN N. MACKALL, Chairman.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close May 20, 1926.

#### Paving

Postponement of Opening Bids: Previously Advertised to Be Opened May 13, 1926
Sealed proposals will be received by the Town Council of Fruitland Park at the Office of the Town Clerk, Fruitland Park. Lake County, Florida, up to 7.30 P. M. Eastern Standard Time, Thursday evening. May 20, 1926, for the following paving work:

May 20, 1926, for the following paving work:

Approximately 14,565 sq. yds. of brick paving on sand base, together with the necessary grading, storm sewers and other incidental work connected therewith.

Alternate bids will be taken on Finley method top on 5" rolled lime rock base.

Each bidder must make his bid on the blank form furnished by the Town Clerk and each bid shall be accompanied by a certified check for \$3000.00 as a guarantee that if the bidder is successful he will enter into contract with the Town.

Plans and specifications are on file with and may be examined at the office of the Town Clerk, Fruitland Park, Florida, and copies of the same may be secured from him on the payment of \$5.00, no refund.

The right is reserved to reject any or all bids in the interest of Fruitland Park or to waive any defect in bidding.

H. W. PALMER, Town Clerk, Fruitland Park, Lake Co., Fla. April 22, 1926.

GEO. H. RUHLING & CO.,

GEO. H. RUHLING & CO., Consulting Engineers, Orlando, Fla.

Bids close June 11, 1926.

#### Street Improvements

Fellsmere, Fla.

Fellsmere, Fla.

Scaled proposals will be received by the City Council of the City of Fellsmere, Florida, at the Council Chamber until 8 o'clock P. M. June 11, 1926, at which time they will be publicly opened and read, for the following work:

STREET IMPROVEMENT

1. SUB-GRADE
Excavation and Fill, 25,562 Cuble Yds.
2. STREET PAVING
4.7 Miles of Marl, Rock Base, for Surface Treatment.
3. CURBS
49,690 Linear Feet.
4. SURFACE TREATMENT Oil
79,910 Square Yards Surface.
The City reserves the right to award contract to separate bidders on separate sections of the work and to reject any or all bids, and to waive any or all technicalities in awarding the contract.

All bids must be upon the blank forms provided in the Proposal, Specifications and Contract.
Each bid must be accompanied by a certified check for 5 per cent of the amount of the bid and the contractor must provide a construction bond for 100 per cent of his bid.

Plans, specifications and form of contract and bond may be examined at the office of J. W. LaBruce, Engineer for the City of Fellsmere, Florida, or sets may be obtained from him by making a deposit of Twenty-five Dollars (\$25), Fifteen Dollars (\$15) of which will be refunded on their return within fifteen (15) days following the date of opening bids.

F. W. DOLE, City Clerk.

F. W. DOLE, City Clerk.

Bids close May 27, 1926.

#### Water Supply and Sewerage Improvements

York, S. C.

Sealed proposals will be received by the Mayor and Board of Commissioners at York, South Carolina, until 11 A. M. on the 27th day of May, 1926, at the City Hall. at which time all proposals will be publicly opened and read, for furnishing materials. labor, tools and equipment to complete such contracts as may be entered into for the construction of Water Supply and Sewerage Improvements, consisting of the following:

1 Million Gallon Water Purification Plant complete.

1 Earth Dam.

1 150,000 Gallon Steel Tank on 125-foot Tower.

foot Tower. 1 25,000 Gallon Steel Tank on 35-foot

1 25.000 Gallon Steel Tank on 35-foot Tower.

19,000 Lineal Feet 6, 8 and 10-inch CastIron Pipe in place, complete.

12,000 Lineal Feet 8-inch V. C. or Concrete Sewer Pipe complete in place.

1 Sewage Pump Station complete.

And necessary appurtenances.

Plans and specifications will be on file at the office of the City Clerk, York, South Carolina, and at the office of the Engineers, and will be mailed upon application accompanied by a check for \$10, which will be returned to bona fide bidders.

Each bid must be accompanied by a certified check to the amount of 5% of the amount bid and not less than \$250, payable to the Treasurer of York, South Carolina, without recourse.

amount bid and not less than \$250, payaoue to the Treasurer of York, South Carolina, without recourse.

All bids must be placed in a sealed envelope and endorsed on the outside "PROPUSAL FOR WATER SUPPLY AND SEWERAGE IMPROVEMENTS." The city prefers to let the entire work in one contract, but reserves the right to waive technicalities and let the work in parts to separate bidders, or let such parts of the work as is considered to the best interest of the city and reserves the right to reject any or all bids.

Contractors are cautioned to examine the plans and specifications thoroughly, form of contract, bond and conditions under which the work will be done before bidding.

E. A. HALL, Mayor.

J. E. LOWRY, Chairman.

J. F. FAULKNER, Clerk.

THE CAROLINA ENGINEERING CO..

Engineers, 917-919 Johnston Building, Charlotte, North Carolina.

G. H. BISHOP, Consulting Engineer.

Bids close May 18, 1926.

#### Sewerage-System Improvements

Woodstock, Va.

Sewerage-System Improvements

Woodstock, Va.

Sealed proposals will be received by the Town Council of the Town of Woodstock, Virginia, at the office of the Recorder until 11 A. M. on the 18th day of May, 1926, for the following sewerage improvements:

22,100 lineal feet 8-inch V. C. Pipe.
1,600 lineal feet 10-inch V. C. Pipe.
525 lineal feet 10-inch V. C. Pipe.
8,300 lineal feet 15-inch V. C. Pipe.
120 lineal feet 15-inch V. C. Pipe.
140 lineal feet 15-inch C. I. Pipe.
101 Manholes 0-6 feet deep.
9 Manholes 6-8 feet deep.
1 Manholes 8-10 feet deep.
All bids must be upon blank forms provided in the proposal and contract forms and marked "PROPOSAL FOR SEWERAGE SYSTEM IMPROVEMENTS."
Plans and specifications will be on file at the office of the Town Recorder and at the office of the Engineers, and will be mailed upon application accompanied by a check for \$10, which will be returned to bona fide bidders. Address all requests for plans and specifications and other information to The Carolina Engineering Company.
Each bid must be accompanied by a certified check for not less than 5% of the amount bid. The right is reserved to reject any or all bids.

amount bid. The right is reserved to reject any or all bids.

HERBERT TROTTER, Mayor.
HARRISON P. MAGRUDER,
Recorder.

THE CAROLINA ENGINEERING CO.,
Engineers, 917-919 Johnston Building,
Charlotte, North Carolina.
G. H. BISHOP, Consulting Engineer.

Bids close May 25, 1926.

#### Storm Sewers, Sidewalks, Curb and Gutter

Plaquemine, La.

Plaquemine, La.

The Mayor and Board of Selectmen of the Town of Plaquemine, Louisiana, will receive bids at the Town Hall until 10 o'clock A. M. May 25, 1926, for material and labor necessary in the building of the Storm Sewers. Sidewalks and Curb and Gutter Improvements.

The contemplated improvements require approximately the following:

950 Feet of 6-inch Sewer Pipe.

1240 Feet of 8-inch Sewer Pipe.

2765 Feet of 12-inch Sewer Pipe.

2776 Feet of 15-inch Sewer Pipe.

770 Feet of 18-inch Sewer Pipe.

770 Feet of 18-inch Sewer Pipe.

280 Feet of 21-inch Sewer Pipe.

280 Feet of 33-inch Sewer Pipe.

280 Feet of 33-inch Sewer Pipe.

280 Feet of 33-inch Sewer Pipe.

280 Feet of 36-inch Sewer Pipe.

360 Feet of 48-inch Sewer Pipe.

850 Feet of 60-inch Sewer Pipe.

850 Feet of 60-inch Sewer Pipe.

850 Feet of 60-inch Sewer Pipe.

850 Feet of Coinch Sewer Pipe.

860 Feet of Coinch Sewer Pipe.

870 Feet of Coinch Sewer Pipe.

870 Feet of Coinch Sewer Pipe.

870 Feet of Coinch Sewer Pipe.

2380 Square Yards of Concrete Sidewalks. 10,000 Lineal Feet of Concrete Curb and Gutter.

Plans and specifications will be on file at the office of the Town Clerk, Plaquemine, La., and at the office of the Engineers. All bids must be submitted on blanks for that purpose, furnished with the specifications. Plans and specifications, with bid sheets, can be obtained from the ENGINEERS, SWANSON-McGRAW, INC., Balter Building, New Orleans, La., by depositing Twenty-Five Dollars (\$25), Ten Dollars (\$10) of which will be refunded to bona fide bidders. Specifications, with bid sheets, can be obtained by depositing Twenty Dollars (\$20), Ten Dollars (\$10) of which will be refunded to bona fide bidders.

Each bid must be accompanied by a certified check (Bidder's Bond not acceptable) in amount of five per cent (5%) of the gross amount bid, but in no event shall check be in less amount than Fifty Dollars (\$50), as evidence of good faith.

The right is reserved to reject any or all bids, waive any or all formalities or acceptany bid or bids which in the opinion of the Board appear to be to the best interest of the town.

FRITZ WILBERT, Mayor.

FRITZ WILBERT, Mayor, L. B. LEBLANC, Clerk. SWANSON-McGRAW, INC., Consulting Engineers, Balter Building, New Orleans, La.

Bids close May 31, 1926.

#### Sanitary Sewers

Selma, Ala.

Selma, Ala.

Sealed proposals will be received by the Mayor and Council of Selma. Ala... at the City Hall until noon of Monday, May 31, 1926, for furnishing materials and labor to construct sanitary sewers in and for the city of Selma, Ala..

The work includes the furnishing of all labor, materials, machinery and equipment of every kind necessary to construct approximately 9800 lineal feel 15-inch sewers, 7300 lineal feed 12-inch sewers, 1050 lineal feet 10-inch sewers and 1220 lineal feet Selnch sewers, with necessary appurtenances.

Each bid must be accompanied with a certified check or bid bond for five per cent of the amount of the bid, drawn to the order of the City of Selma, Alabama.

Plans and specifications may be seen at the office of the City Engineer of Selma, Ala, or at the office of the Consulting Engineers. Complete sets of plans and specifications may be secured from the Engineers for \$15, of which one-third will be returned upon receipt of a bona fide bid.

All bids will be compared on the basis of the Engineers' estimate of the work to be done. The right is reserved to reject any or all bids.

CITY OF SELMA. ALA.

T. J. ROWELL, Mayor.

all bids.
CITY OF SELMA. ALA.
T. J. ROWELL, Mayor.
W. O. CRISMAN, City Engineer.
Consulting Engineers.
ROBERT & COMPANY,
Atlanta, Ga.

Bids close May 21, 1926.

#### Sewer System

LaGrange, N. C.

Sealed proposals will be received by the Town of LaGrange, North Carolina, for furnishing labor, materials and equipment for sewer system in and for the Town of LaGrange until 8 P. M. May 21, 1926, at which time they will be opened and read publicly. publicly.

which time they will be opened and read publicly.

In accordance with Act passed by the North Carolina General Assembly and ratified March 10, 1925, it will be necessary for all contractors to show evidence that they are licensed to do business as such in the State of North Carolina.

The principal items of work are approximately as follows:

31.483 Feet 8-inch Sewer Pipe.
1,615 Feet 10-inch Sewer Pipe.
4.420 Feet 12-inch Sewer Pipe.
69 Manholes.
23 Automatic Flush Tanks.
46 10x6 Wyes.
737 8x6 Wyes.
Septic Tank.
Sludge Bed.
Accessories.

Each bid must be accompanied by a cer-

Accessories.

Each bid must be accompanied by a certified check on a bank satisfactory to the Town Officials, or a bidder's bond acceptable to the Town Officials for five (5%) per cent of the amount of construction bid, drawn to the order of the Town of LaGrange, North Carolina, which will be forfeited to the Town in the event the Town accepts bid and bidder fails to execute contract and surety bond within ten days after award. Checks or bonds of unsuccessful bidders will be returned to bidders.

days after award. Checks or bonds or unsuccessful bidders will be returned to bidders.

All bids will be compared on the basis of the Engineers' estimate of the quantity of work to be done. Copies of specifications may be obtained from the Engineers or Town Clerk upon receipt of \$5 denosit, which will be returned to bona fide bidders. Plans may be seen at the office of the Engineers, at the office of the Town Clerk or at the office of the Associated General Contractors, Charlotte, N. C., or a set will be furnished by the Engineers upon payment of \$10, which amount will NOT be returned.

The right is reserved to reject any or all bids or to award the contract to any one bidder or bidders in part or as a whole, as considered to the best interest of the Town.

TOWN OF LAGRANGE, NORTH CAROLINA.

CAROLINA.

By WOODWARD BARWICK, Mayor.

J. B. McCRARY ENGR. CORPORATION, Engineers.

Atlanta, Georgia.

Bids close May 25, 1926.

#### Brotherhood Building

Harrisburg, Pa.

Harrisburg, Pa.

Sealed proposals will be received by the Brotherhood's Relief and Compensation Fund at its principal office, 2123 North Sixth street, Harrisburg, Pennsylvania, antil 2 o'clock P. M. of Tuesday, May 25, 1926, for the construction and erection of its "Home and Bank Building."

Proposals are requested for the general contract or the several units thereof, or both, and such proposals will be considered only upon the terms and specifications as outlined in writing by the architect. C. Harry Kain, Harrisburg, Pennsylvania, proposals and specifications.

vania.

All proposals shall be addressed to the "Brotherhood's Relief and Compensation Fund, Home and Bank Building Proposal, 2123 North Sixth street, Harrisburg, Pennsylvania."

The right is reserved to reject any or bids, or both, or any part or unit all bids thereof. BROTHERHOOD'S RELIEF AND

COMPENSATION FUND, LUTHER G. SMITH, International President. D. W. B. MURPHY, International Secretary-Treasurer.

Bids close May 21, 1926.

#### Incinerator

Fort Myers, Fla.

The City of Fort Myers, Florida, will open sealed bids for a 50-ton capacity Incinerator on Friday, May 21, 1926, at 7.30 P. M., at the City Hall.

Bids close May 20, 1926.

#### 250.000-Gallon Tank and Tower

Edenton, N. C.

Edenton, N. C.

Scaled proposals will be received by the Mayor and Board of Aldermen of the City of Edenton, N. C., until 8 o'clock P. M. Thursday, May 20, 1926, at the City Hall, Edenton, N. C., for the construction and erection of a 250,000-gallon tank and steel tower, 100 ft. to overflow line, and alternate 125 ft. to overflow line, and alternate 125 ft. to overflow line.

Proposals must be marked "Proposals for Water Tank and Tower for the City of Edenton, N. C." Each bid must be accompanied by a certified check for five (5%) per cent of the amount of the bid as evidence of good faith.

Further information can be obtained by writing to R. E. Leary, Clerk.

The City reserves the right to reject any or all bids or to award the contract which appears to be for the best interest of the City.

J. L. WIGGINS, Mayor.

J. L. WIGGINS, Mayor.
J. A. WOODARD, Chairman, Electric
and Water Department.
R. E. LEARY, City Clerk.

Bids close May 25, 1926.

#### Carving on Stone Mountain

Atlanta, Ga.

Stone Mountain Confederate Monumental Association of Atlanta, Georgia, invites sealed bids to be submitted on or before 12 o'clock noon Tuesday, May 25, 1926, for the carving and completing of the three equestrian figures of Jefferson Davis, Robert E. Lee, Stonewall Jackson and a color bearer, in accordance with the Master Model of said Association in the studio of the Association at Stone Mountain, Georgia, and in the studio of Augustus Lukeman, Sculptor, 454 W. 41st Street New York City.

Specifications and detailed information will be furnished upon request by W. L. Peel, 1001 Citizens & Southern Bank Building, Atlanta, Georgia, or by the Sculptor, Augustus Lukeman, 454 W. 41st Street, New York. Each bidder will be required to accompany his bid with a certified check in the amount of \$5000, payable to the Association. Checks of unsuccessful bidders will be returned. The Association reserves the right to accept or reject any or all bids.

STONE MOUNTAIN CONFEDERATE

STONE MOUNTAIN CONFEDERATE
MONUMENTAL ASSOCIATION.
By HOLLINS N. RANDOLPH,
Presiden

ARNOLD & ARNOLD, General Counsel.

Bids close June 1, 1926.

Galveston County (Texas) Sea Wall

GALVESTON COUNTY SEA WALL ADJACENT TO GOVERNMENT WALL ON WEST

GALVESTON COUNTY SEA WALL ADJACENT TO GOVERNMENT WALL ON WEST END OF ISLAND, APPROXIMATELY 2800 FEET IN LENGTH

Bids in duplicate will be received by the undersigned until 10 A. M. June 1. 1926, for Wall as above designated, with the following approximate quantities of material:

Excavation 15,659 cu. yds.

Back Fill, "not a pay item" 8,223 cu. yds.

279 Round Piling, 35 feet long 9,765 lin. feet 2232 Round Piling, 40 feet long 89,280 lin. feet 2232 Round Piling, 45 feet long 12,555 lin. feet 24-inch by 12-inch by 16-foot untreated pine Walling 11,200 ft. B. M. 55-inch by 16½-inch Button Head Bolts with sockets 875

Cast washers for above bolts 875

1:3:6 concrete 16,265 cu. yds.

12 borings or soundings.

1½-inch by 10-foot deformed Reinforcing Bars 6,200 pounds A certified check in the sum of Ten Thousand Dollars (\$10,000), payable to the order of County Judge on a local bank, must accompany each bid, and will be promptly returned to unsuccessful bidders For bond, see Section 4 of Specifications. Copy of plans and specifications can be had on application to the undersigned. The County Commissioners Court reserves the right to accept or reject any and all bids, which must be addressed to the undersigned and marked on outside, "Galveston County Sea Wall Bids."

JOHN M. MURCH, County Auditor.

JOHN M. MURCH, County Auditor.

Galveston, Texas, April 16, 1926.

Bids close May 17, 1926.

#### Steel Water Tank

Sealed proposals will be received by the Town Commissioners of the Town of Mt. Gilead, N. C., at noon on the 17th day of May, 1926, for furnishing all material and crecting a steel water tank of 100,000 gallons capacity on a 100-foot tower. Plans to accompany proposals.

R. E. HAMLETT.

Mayor of Mt. Gilead, N. C.
L. V. EDWARDS, Engineer,

Winston-Salem, N. C.

Bids close June 3, 1926.

#### Filtration Plants, etc.

Tryon. N. C.

Sealed bids will be received by the Town of Tryon. North Carolina, at 2 P. M. June 3, 1926, for the construction of a 1,000,000-gailon filter plant, 3½ miles of 8-inch raw water main, concrete wash water tank and distribution mains.

Certified check of \$2000 will be required. Plans and specifications will be mailed on application, a deposit of \$10 being required, \$5 to be returned to those returning plans with bona fide bid.

W. S. GREEN, Mayor.

EDNA JONES, Clerk.

THE HARWOOD BEEBE COMPANY, Engineers.

Engineers, Spartanburg, S. C.

Bids close May 17, 1926.

#### **Pumping-Station Improvements**

Pumping-Station Improvements

Bids are invited by the Mayor and Town Council of the Town of Orange, Virginia, until noon of Tuesday, May 17, 1926, on furnishing all machinery, equipment, materials and labor for the construction of certain improvements at the municipal pumping station.

These improvements to consist of an electric-driven pumping unit, comprising a low-service and high-service pump, together with all foundations, piping, wiring and connections, a new suction main and various improvements to the building.

A certified check in the sum of 5 per cent of each bid will be required of each bidder as a guarantee that contract will be entered into and bond executed promptly after the award, and upon failure to do either it will become a forfeit to the Town of Orange.

either it will become a forfeit to the Town of Orange.

A bidder to whom any award may be made will be required to execute an indemnity bond in a sum equal to one-third the face of his bid to safeguard the proper performance of the contract, said bond being written by some satisfactory guarantee company.

being written by some satisfactory guarantee company.

The Town of Orange reserves the right to let the contract by items or as a whole, as may be considered advisable, and also the right to reject any or all bids.

Detail plans and specifications may be examined at the office of the Mayor or had FROM HIM ALONE on receipt of a check for \$10. This check will be returned only to such parties as may have submitted a bona fide bid and also have returned the plans and specifications in good condition, both before the date set for closing bids. mitted a bone turned the plans and specific condition, both before the date closing bids.

DR. FRANK B. PERRY, Mayor. Orange, Virginia.

THE AMBLER ENGINEERING CO., Richmond, Virginia.

Bids close May 31, 1926.

#### Concrete Apron Wharf

Mobile, Ala.

Mobile, Ala.

Sealed proposals will be received by the Alabama State Docks Commission at their office, second floor State Office Building, Mobile, Alabama, until 10 A. M. May 31, 1926. and then publicly opened, for furnishing and constructing a concrete apron wharf for Pier One. About 12,000 cubic yards of concrete, 2200 concrete piles and other materials are included.

A deposit of Twenty-five Thousand Dollars (\$25,000) cash or certified check, or in lieu thereof a bidder's bond for like amount with an approved company, is required with each proposal.

Specifications, proposal forms and plans are on file in the office of the Purchasing Agent, second floor State Office Building, Mobile. Alabama. Complete sets will be furnished to prospective bidders on deposit of \$50, which will be refunded to depositors who submit formal proposals, or return sets in good condition within thirty days of opening of bids.

A bond to the amount of 50% of the sum bid is required with notarial contract.

The right is reserved to reject any or all bids and to waive informalities.

WILLIAM L. SIBERT, Chairman. ALABAMA STATE DOCKS COMMISSION.

ALABAMA STATE DOCKS COMMISSION.

Bids close June 3, 1926.

#### Two 50-Ton Incinerators

Mobile, Ala.

Two 50-Ton Incinerators

Mobile, Ala.

Sealed bids will be received by the City Commissioners of Mobile, Alabama, until 12 o'clock (noon) Thursday, June 3. 1926, for furnishing all labor, tools, appliances and materials necessary for the construction of two (2) Incinerator Plants and for constructing same, each with a capacity of not less than Fifty (50) tons per day of twelvenurs. Each bid will be accompanied by a certified check in the sum of Two Thousand Dollars (\$2000), payable to the City of Mobile, as a guarantee that the bidder, if successful, will execute, within ten days from notice of award, a contract in accordance to the detailed plans and specifications accompanying the bid. The right is reserved to reject any or all bids.

The bidders will submit detailed plans and specifications with their proposals, and will bid a price that will cover the entire cost of constructing same without any extra cost whatever to the City of Mobile, and in accordance to the detailed plans and specifications submitted by them with their proposal.

The City of Mobile will furnish the sites for the incinerators and proposals will be received for the construction of the incinerators separately. After the bids are received the City Commissioners will consider same, and, after consideration and investigation into the merits of each bid, will award the contract to the bidder who in their opinion has submitted the most desirable proposal.

The contractor awarded the contract will search a search contract of the search contract of the contract of the contract of the contract of the contract will search as a contractor of the contract of the contract of the contract will search as a contract of the contract of the

The contractor awarded the contract will furnish a Surety Company Bond to the amount of 25% of the amount bid to guarantee that the construction of the incinerators will be completed within the time specified in their proposal, and in accordance to plans and specifications submitted by them with their bid.

GEO. E. CRAWFORD, Mayor. H. T. HARTWELL, Commissioner.



### CLASSIFIED OPPORTUNITIES



#### MINERAL AND TIMBER LANDS, WATER POWER. MISCELLANEOUS PROPERTIES

FOR SALE—Timber Land, Mill Properties, Cut-Over Timber Lands, Water Frontage for subdivision located Gulf Coast. H. H. WEFEL, JR., Mobile Alabama.

FOR SALE—415 acres timber and mineral land located in northwest Alabama. Price for quick sale, \$6 per acre. Box 126, Haleyville, Ala.

CAROLINA ACREAGE—We have thousands of acres of land in Western North Carolina, with timber, feldspar, mica, iron ore and some veins of gold.

Plant your cents where they will grow into dollars.

We can give you what you want.

FOWLER REALTY COMPANY,
206 Taylor Building,
Asheville, N. C.

FOR SALE—A fine body of land, four miles from Demopolis, Alabama, lying directly on the Southern Railway and the Tombigbee River, now navigable all the year. Ideal place for cement factory, having an inexhaustible supply of fine limestone and clay. Alabama Power Company's line near property. Have very favorable mining and economical report from Engineer. Solicit investigation.

C. J. WISE, York, Alabama.

#### COAL LANDS AND MINES

COAL LANDS, KANAWHA COUNTY, WEST VIRGINIA. FOR SALE OR LEASE.

2800 acres on Blue Creek. Elk District. Four openings show valuable seams underlie whole tract; unusual location for low-cost mining; near railroad.

JOHN L. CAMPBELL, Lexington, Va.

#### WHITE OAK TIMBER WANTED

WANTED—From owners, good white oak timber, suitable for staves. Will consider stumpage or in fee. Please give cruise or estimate, price, terms and location.

E. R. McBRIDE & COMPANY, First National Bank Building, Birmingham, Alabama.

#### TIMBER OPERATION

55,000 Acres hardwood timber, N. C., on R. R., cruised to cut 904,000,000 ft.; two band saw mills with complete equipment, logging road, engines, cars, houses, etc.; in fee. Everything goes for \$2.500,000. Terms. W. T. Kime, Grandview, Mo.

#### TIMBER AND TIMBER LAND

4,900,000 ACRES TIMBER LANDS (Panama) with 21,000 ft. per acre Mahogany and other hardwoods, \$1.05 per acre fee; good titles. A. J. NOBLETT, Green Cove Springs, Fla.

#### LAND AND TIMBER.

Four Thousand acres Sea Island; large tract cut-over land, forty-one thousand acres hardwood timber, thirty million feet long-leaf pine.

J. W. BARNES, Savannah, Georgia.

FOR SALE—Large tract virgin timber land 2 miles from railroad; timber alone worth price; \$35 per acre; good land. Big development proposition; adjoining tract now being developed. For details write W. B. WOLFF, Homestead, Fla.

#### RATES AND CONDITIONS.

Rate 30 cents per line per insertion. Minimum space accepted, four lines. In estimating the cost allow seven words of ordinary length to a line. When the advertisement contains a number of long words proper allowance should be made. Terms: Invariably cash with order; check, postoffice or express order or stamps accepted. No display type used. Questionable or undesirable advertisements will not be accepted. The assistance of our readers in excluding undesirable advertisements is requested. We reserve the right to refuse any advertisement. No patent medicine, oil or mining stock advertisement accepted. Rate for special contracts covering space used as desired within one year as follows: 100 lines, 28c per line; 300 lines, 26c per line; 500 lines or more, 25c per line.

#### MINERAL AND TIMBER LANDS, WATER POWER, MISCELLANEOUS PROPERTIES

#### TIMBER AND TIMBER LAND

FOR SALE

1900 Acres oak timber land, Yazoo County, Mississippi. HENRY J. CAMPBELL, 831 Perdido St., New Orleans, La.

#### SUB-DIVISION PROPERTY

#### SUBDIVIDERS.

West Charleston, across the New Million-Dollar Ashley River Bridge, is in the making. Some of the developments have already sold out. Don't wait on things to start or come back. Opportunity bids you come to this section, where lots are selling fast. Confer with us for choice acreage for subdivisions in West Charleston. Only a few beautiful tracts left in close proximity to the Golf Course, Country Club and Beaches. Prices are reasonable and terms are easy. Just a small cash payment and release clause for the balance.

MARTIN, INC.,

Realtors.

60 Broad Street, Charleston, S. C.

#### FARM. FRUIT AND TRUCK LANDS

#### ALABAMA

WONDERFUL OPPORTUNITIES, with unlimited possibilities, for investment on the Guif Coast at Mobile. The land that steals your heart away. We have factory sites, textile mill, central business property, farms, orange and pecan groves, timber tracts, cutover land, waterfront property, homes and desirable building lots at very attractive prices and easy terms. Write us for information and literature. GULF COAST INVESTMENT COMPANY, INC., REALTORS, 32-34 N. Royal St., Battle House Bldg., Mobile, Ala.

#### FLORIDA

FOR SALE—70,000 acres good farming land, FLORIDA, on rail and hard road, \$12 per acre; no swamps; high land. Address No. 6582, care of Manufacturers Record, Baltimore, Md.

CARR & CARR, INC.,
Realtors,
WEST PALM BEACH, PALM BEACH,
LAKE WORTH.
References—Any bank or trust company
in Palm Beach County.

#### FARM, FRUIT AND TRUCK LANDS

FLORIDA

LEON COUNTY, FLORIDA.
White-Rivers Company,
Realtors.
Tallahassee, Capital of Florida. One good investment in Florida worth lifetime of labor.

WE ARE REALTORS. WE ARE REALIONS.
Service and Reliability Our Slogan.
How can we help you in Florida?
GOODWIN & BAKER,
Fort Pierce, Florida.

SIX HUNDRED ACRES fine potato land; will yield thirty to fifty barrels per acre; potatoes sold this year \$16 to \$20 per barrel F. O. B. Fort Pierce. Price per acre upon application.

J. G. COATS, Fort Pierce, Florida.

12 ACRES, fine land; well located, half mile from good town, close to Tampa; a real bargain at \$2500; terms. Write today for new booklet, free, "The Largest Orauge Tree in the World." and list of Groves and Farms. TAMPA-WEST COAST REALTY CO. (Inc.), REALTORS, Opp. Postoffice, Tampa, Florida.

### TWENTY ACRES AND PLENTY.

Free book tells truth about Florida land; monthly payments \$1 an acre. Orange groves, planted, cared for, 10 per cent groves, planted, carea above cost.
SYLVESTER E. WILSON, Dept. X, Orlando, Fla.

#### ACREAGE AND OCEAN FRONTAGE.

ACREAGE AND OCEAN FRONTAGE.

10,528 acres, two separate tracts. One deed 2830. one deed for 7698, La Fayette County. Two miles from County Seat, two miles frontage on lake, graded highway and county load through property. Wonderful trucking and vegetable land; also good cotton land. Price \$6.50 per acre.

800 feet Ocean Front, about 800 feet deep, near Melbourne, Florida, at \$35 per frent foot. Write, wire or call
D. W. HOGAN,
P. O. Box 1504.
Associated with
H. E. MORRIS & CO., INC..
Realtors,
Vero Beach, Fla.

#### FLORIDA INVESTMENTS MANATEE COUNTY.

MANATEE COUNTY.

The county that stands 7th in production of fruit and vegetables in the U. S. A solid foundation back of your investments—Farm Lands—Business Properties—Lots or Acreage for Subdivisions.

Full information on request—we can buy for you and we can resell for profit.

References: Bradenton Bank & Trust Co.
MANATEE LAND SALES CO.,
Bradenton, Fla.

St. Petersburg Office—560 First Ave. North.

#### NORTH CAROLINA

5000 ACRES,

with frontage on a main highway between two live cities in Western North Carolina. Elevation up to 2500 feet, commanding beautiful views. Several clear mountain streams on the property, beautiful gorge and waterfalls of 75 to 100 feet.

Very picturesque property for hunting club or private estates for other development.

\$20.00 per acre, if quick. F. C. ABBOTT & COMPANY. CHARLOTTE, N. C.

#### FARM, FRUIT AND TRUCK LANDS

SOUTH CAROLINA

SOUTH CAROLINA

WHERE THE WISE INVESTOR IS
BUYING.

Fertile Fruit, Truck, Grain, Dairy, Poultry and Stock Farms in the Southeast Constal Section, where soil is as fertile as the Valley of the Nile. All kinds of Flowers, Fruit, Vegetables, Grapes, Nuts and Berries grow to perfection in this section. Average yield of Irish potatoes from 60 to 145 barrels of two and a half bushels each to the acre. Four crops are grown annually. Farming goes on the year round. Good, healthy, ideal climate, mild winters and cool sea breezes in the summer. Everything for your prosperity and enjoyment. Fine Beaches, Beautiful Drives, Golf, Boating, Fishing and Hunting. We can supply you with any size farm from five acres to two thousand acres in the highest state of cultivation and with everything to commence farming. Prices are reasonable and terms are easy. Just a small cash payment and from three to five years to pay the balance. Live and invest where summer spends the winter and where your investment and efforts are certain of large returns.

MARTIN, INC.,
Realtors.

MARTIN, INC., Realtors. 60 Broad Street, Charleston, S. C.

E. B. WITMER, Realtor,
First National Bank Building,
Mercedes, Texas.
City Property, Farms, Citrus Groves.
Large acreage irrigated and unirrigated.

#### **BUSINESS OPPORTUNITIES**

GOLD—Nine patented gold-mining claims for sale, or money wanted to reopen. Large producers in the 80s. Working now under lease. For particulars write FRANK G. CLINE. Agent. Box 176, Lordsburg, N. M.

THE OWNER of a large deposit of diatomaceous earth (kieselguhr), located in Nevada, desires to communicate with large users of this class of material or with anyone who might consider the purchase of the deposit or enter into an agreement for the development of the same on a fifty-fifty basis. The material is one of the purest and whitest varieties known. Samples and photographs sent on request. Address Dr. C. A. Jacobson, Morgantown, W. Va.

DF. C. A. Jacobson, Morganiowa, W. Va.

DEVELOPED BUSINESS PROPERTY: vacant business property ALONGSIDE that already improved; Lake and River front lots for homes are our specialites. These properties are always good and in demand.

R-E-M-E-M-B-E-R
Florida is daily growing smaller and each week's passing makes for higher values. Get your piece now.

CITY REALLTY COMPANY.

Jno. F. Pearson, Prop.,
7 Ball Building, Sanford, Fla.

#### COLLECTION

COLLECTIONS.

MERRIAM.
507 FIFTH AVENUE,
NEW YORK CITY.

#### **PRINTING**

FINE PRINTING—On quality stock, at prices that can't be beat. Write for sam ples and price list. Enterprise Ptg. Co., Wytheville, Va. Mail Order Printers.

#### PATENTS FOR SALE

FOR SALE—"Patent" on a Turbine Engine, steam or compressed air. Make your own electric light and power plant. Engineers wanted to figure on contract work. P. J. MAHER, 157 East 18th St., New York, N. Y.

#### INDUSTRIES WANTED

FOR SUCCESSFUL MANUFACTURING locate in North Carolina. Best native-born labor, hard-surface roads and good transportation facilities, hydro-electric power, pure water. Good building space in fireproof buildings for lease for light manufacturing at reasonable rates. Write Chamber of Commerce or Box C, Leaksville, N. C.

#### INDUSTRIAL PLANTS

FOR RENT FOR ANY USE
Plant of Virginia Shipbuilding Corporation on Potomac River at Alexandria, Va.
JOSEPH L. CRUPPER,
Receiver.

WATER-POWER PLANT for sale, 300 H.P., on railroad, within 50 miles of New York City, in Jersey. Can be increased to 600 H.P.

JOHN SWEITZER. 134 Garfield Avenue, Plainfield, N. J.

FOR SALE—Brick Plant, daily capacity about Fifty Thousand, with large deposit of fine clay, located near Charleston. S. C. with good shipping and labor facilities. Address Bank of Dorchester, Summerville, S. C.

ELYRIA, OHIO—Modern new plant, 25 acres, main building monitor type, brick and steel, wood block floor, 82½x162; B. & O. siding in building, electric crane, power house 50x51; boilers, engine, generators and power wiring installed; frame office building 16x48. W. S. POLE, 14 W. Eighth St., Erie, Pa.

#### BUILDING FOR SALE

FOR SALE—Three-story, Mill-Constructed Building, 145x200, located in Atlanta, on Southern Railway, with platform track space for nine cars, equipped wth elevator and sprinkler system. MANGET BROS. CO., Newnan, Ga.

MANGET BROS. CO., Newnan, Ga.

FACTORY BUILDING FOR SALE—Especially adaptable to textile industry. An excellent opportunity for one desiring factory in center cotton belt. Main building two stories, 50x180; storage 150x200. Within 100 ft. railroad. Three fire plugs on property. Ample space for expansion. Situated just outside limits of city 30,000 in central North Carolina. Ample labor available, where agitation is unknown. Will self for approximately half of fair value, This property suitable to any form manufacturing. Wire No. 6583, care Manufacturers Record, Baltimore, Md.

#### FLOOR SPACE FOR RENT

BAY STREET, SAVANNAH, GA. 20,000 sq. ft. space, suitable for loft, office and light manufacturing. Central location, railroad and steamboat facilities. Low rent. Address A. W. SMITH, 1204 Wynne-Claughton Building, Atlanta, Ga.

#### **FACTORY SITES**

WATER POWER and FACTORY SITE For Sale—About 300 horsepower, large brick building, adjoins railroad yards. Price \$12,000. W. W. WILLS, Palmyra, Va.

FOR SALE—Manufacturing sites near Norfolk, Va., on R. R., in the county. ALPHEUS FIELDS, Monroe Bldg., Norfolk, Va.

#### PATENT ATTORNEYS

PATENTS—Booklet free. Highest references. Best results. Promptness assured. Watson E. Coleman, Patent Lawyer, 644 G St. N. W., Washington, D. C.

PATENTS—TRADEMARKS—COPYRIGHTS
Write for our free Guide Books and
"RECORD OF INVENTION BLANK" before disclosing inventions. Send model or
sketch and description of your invention for
our Inspection and Instructions, free. Terms
reasonable. Highest references. VICTOR J.
EVANS & CO., 712 Ninth, Washington, D. C.

INVENTORS—Send sketch or model of your invention for opinion concerning patentable nature and exact cost of applying for Patent. Book. "How to Obtain a Patent," sent free. Gives information on patent procedure and tells what every inventor should know. Established 25 years. Chandlee & Chandlee, 412 Seventh St. N. W., Washington, D. C.

#### MANUFACTURERS AGENTS WANTED

CALLING ON ARCHITECTS and Contrac-tors to secure sales on newly-developed, high-grade commercial Kalamein Door, sold at prices on which large volume can be devel-oped. No. 6433, care Manufacturers Record.

#### AGENCIES WANTED

MANUFACTURERS' AGENT Building Supplies, established for 20 years in North Carolina. Experienced and practical, with specializing and promotion work among architects, contractors and dealers. Have office and organization to give representation upon commission basis with reputable manufacturers of building supplies. Address Box 214, Raleigh, N. C.

#### SITUATIONS WANTED

SUPERINTENDENT. 20 years' practical experience in construction and operation of rock crushers, washers and pulverizers. Competent pit and quarry operation; experienced with all types mill machines and power equipment; efficient handling of operating crew. Available now; A-1 references. Address No. 6581, Manufacturers Record.

EXECUTIVE—At present employed as superintendent by large Pittsburgh concern. would like to change location. Excellent mechanical training, several years at allaround construction, beginning at age of 18 and in charge of large job at 25. 34 years of age, athletic build, perfect health, sober, married, hustler, pleasing address and personality, good at organizing and winning loyalty of men. Address No. 6585, care Manufacturers Record, Baltimore, Md.

POSITION WANTED by university student of 4 years' training in chemical engineering at Washington University, St. Louis. Applicant intends continuing another year at college and desires summer work with possible view of a continued connection following June, 1927. Is a graduate of St. John's Military Academy, Wisconsin, with commission in O. R. C. from university. GEORGE S. WINDLE, Kappa Alpha House, Washington University, St. Louis, Mo.

#### SALES MANAGER OR

#### ASSISTANT TO EXECUTIVE

Available July 1; exceptionally extensive selling and merchandising experience with national commodities for large manufacturers. Under 35 years. Capable of planning campaigns and developing business. Road and inside executive experience. Now assistant director of sales for nationally known concern. Best references. Address No. 6586, care of Manufacturers Record, Baltimore, Md.

#### MEN WANTED

WANTED—Experienced Yellow Pine Salesman for North and South Carolina by wholesaler, with well-established trade in this territory. Prefer man familiar with this section. Liberal proposition.

BOX 110, BIRMINGHAM, ALA.

GENERAL FOREMAN to take charge of bridge and culvert construction on a percentage basis. Location, Florida. Permanent work for capable and reliable man. Should preferably have some following of labor. Give full particulars of experience, etc., in first letter. Address No. 6584, care Manufacturers Record, Baltimore, Md.

SALESMEN WANTED—Our proposition offers greater earning possibilities to the real salesman than is offered to him in most any other line. A credit and collection service with a bonded recovery obligation.

American Security Credit Company, General Offices, St. Louis, Mo.

IF YOU ARE OPEN to overtures for new connection, and qualified for a salary between \$2500 and \$25,000, your response to this announcement is invited. The undersigned provides a thoroughly organized service, of recognized standing and reputation, through which preliminaries are negotiated confidentially for positions of the caliber indicated. The procedure is individualized to each client's personal requirements; your identity covered and present position protected. Established sixteen years. Send only name and address for details.

R. W. BIXBY, INC.,

# Shaped in Steel Here is Beauty you can use without worry or care!

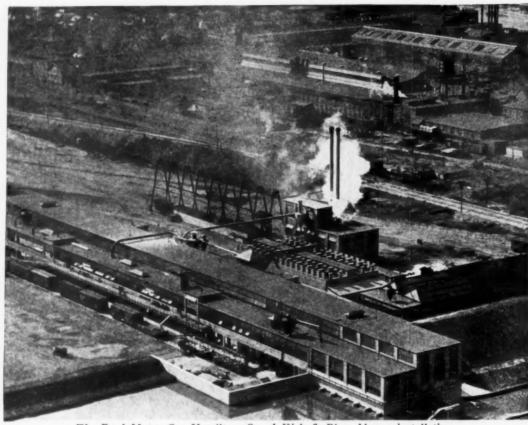
For practical use in business, peauty must take care of itself. After all, you hire your men to work and office furniture is only a tool to help production. Heels will be put atop desks, cigarette stubs are forgotten, spilled ink and other accidents of routine are a part of the day's work.

Made from Sheet Steel your furniture can be built to endure these hazards of service without loss of its original fine appearance. And Sheet Steel gives more than added beauty. It is setting new standards of value for office furniture of all kinds, desks, files, cabinets, shelving, lockers, partitions, doors and window frame and sash. It adds to the strength of construction. It resists fire. It increases efficiency.

Besides these many advantages it costs less to use Sheet Steel. Modern manufacturing economies are producing Sheet Steel articles at lower costs than ever before. Whether for office or home use, in buying new equip-

ment it will pay you to investigate Sheet Steel at your dealers. See the added value offered by Sheet Steel. Examine it. Test it. For further information and the interesting booklet, The Service of Sheet Steel to the Public, address the Sheet Steel Trade Extension Committee, Oliver Building, Pittsburgh, Pennsylvania.

SHEET STEEL FOR SERVICE



#### The Ford Motor Co., Hamilton, O. A Kirk & Blum blower installation.

# Keeping growing production qoing!

Year by year Kirk & Blum blower engineering has kept pace with industry, bringing out new engineering ideas and devices, and solving new blower problems resulting from expanding production.

Each new step has meant greater efficiency, higher suction-power ratio, greater operating profit. And wherever Kirk & Blum equipment is installed the fear of blower shut-down is eliminated from production managers' minds. Production keeps going.

Send the coupon for a copy of the new publication "Kirk & Blum Blower Systems" describing waste-removal, material-conveying and air-conditioning systems installed in well-known plants in the woodworking, metal-working, shoe-making, clay-working, chemical, and other industries.

THE KIRK & BLUM MFG. CO., 2849 Spring Grove Ave., Cincinnati, O.

Shavings and Dust Collecting Systems, Waste and Fume Removal, Conveying and Ventilating Systems. Also Contract Manufacturing in all Sheet Metals.



Use the coupon to get this book. It shows how correct blower equipment can improve your production.

IRK&BLUM
Blower Systems
Collecting-Conveying-Ventilating

Mail Coupon Today

